Vol. XIX

No. 13

Dissertation Abstracts

INDEX TO AMERICAN DOCTORAL DISSERTATIONS

037-10-0

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DOCTORAL DISSERTATION SERIES

Cooperating Institutions

University of Alabama
Alabama Polytechnic Institute
The American University
University of Arizons
University of Arizons
Boston University (including Schools

Education and Theology)
Bradley University
Polytechnic institute of Brooklyn
Brown University
Roya Move Callege

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The Charles of Great at School

University of Colorado
Colorado State University

Colorado State Lollogo Colombia Universita

TO UNKNOWN TO THE

The University of Nebraska (including School of Education)

The University of her Manual tree.

School of Education

New York University (including School of Education)

State University of New York, College of Ceremics at Alfred University

North Christian State College - A Northwestern Christ College - A Northwestern Chiverony

Northwester Silversity
University of Notice Denty
Oldo University
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Ovegen State Cellere
University of Free Stynia

INDEX TO AMERICAN DOCTORAL DISSERTATIONS

1958 - 1959

Compiled for
THE ASSOCIATION OF RESEARCH LIBRARIES

UNIVERSITY MICROFILMS, INC. Ann Arbor, Michigan 1959

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DISSERTATIONS

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FOREWORD

During the academic year 1958-59, 9295 doctoral dissertations were reported by American universities. This is the greatest number accepted during any year.

Despite the recent emphasis on scientific studies, only 56 percent of the dissertations were granted in the three fields of the physical sciences (30 percent), the earth sciences (3 percent), and the biological sciences (22 percent).

Ten years ago, in 1950, the percentage of degrees granted in the sciences was just about the same (57 percent). The percentages for the three broad scientific fields were 31 percent in the physical sciences, 3 percent in the earth sciences, and 24 percent in the biological sciences.

As the last rung on the academic ladder, the doctorate is the last degree to reflect shifts in academic interest among the student population.

A 10-year summary of dissertations reported, by broad subject groups, follows:

| SOI v. v. v. v. v. v. lapiasaiD | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 |
|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Philosophy | 94 | 105 | 92 | 131 | 104 | 100 | 96 | 96 | 104 | 123 |
| Religion | 156 | 190 | 184 | 206 | 152 | 138 | 140 | 159 | 180 | 184 |
| Physical Sciences | 2007 | 2183 | 2281 | 2410 | 2417 | 2397 | 2383 | 2331 | 2384 | 2833 |
| Earth Sciences | 179 | 199 | 198 | 227 | 239 | 232 | 413 | 231 | 249 | 285 |
| Biological Sciences | 1559 | 1932 | 2027 | 2338 | 2509 | 2480 | 2157 | 2146 | 2233 | 2084 |
| Social Sciences | 1396 | 2194 | 2160 | 2520 | 2745 | 2657 | 2649 | 2576 | 2813 | 2890 |
| Humanities | 619 | 674 | 719 | 772 | 834 | 808 | 861 | 824 | 836 | 896 |
| Totals | 6,510 | 7,477 | 7,661 | 8,604 | 9,000 | 8,812 | 8,699 | 8,363 | 8,799 | 9,295 |

Table II gives a more detailed distribution.

Following a list of Current University Serial Publications, will be found a table showing the Preservation and Lending of . . . Dissertations (Table I). Several of the institutions listed began cooperating with University Microfilms in the publication of dissertations on microfilm during the year, but were not necessarily cooperating in such publication when the report for Table I was made. New participants in the microfilm project this year are:

- 1. Drew University
- 2. Emory University
- 3. Howard University
- 4. School of Health, Physical Education and Recreation of Indiana University*
- 5. The Johns Hopkins University
- 6. Lawrence College, Institute of Paper Chemistry
- 7. University of Miami
- 8. The University of Mississippi
- 9. Montana State University
- 10. State University of New York (College of Ceramics at Alfred University)
 - 11. Ohio University
 - 12. South Dakota State College
 - 13. State University of South Dakota
 - 14. University of Southern California
 - 15. Texas Technological College
 - 16. Union Theological Seminary
 - 17. School of Education of Yeshiva University*

Table III gives the distribution of doctoral degrees granted by university and subject. By comparing 1958-59 interests with those of previous years, small shifts in emphasis and the beginnings of trends can sometimes be noticed.

^{*} Only the unit listed has been added.

LIST OF CURRENT UNIVERSITY SERIAL PUBLICATIONS ABSTRACTING DISSERTATIONS

| University of Alabama | Abstract of theses and dissertations, 1952-1954, 1952/1954- |
|--|--|
| | Abstracts of theses and dissertations, v. 1 (1946) 1929-1944- |
| University of Arkansas | |
| | Polytechnic Institute of Brooklyn-Staff publications, v. 1- 1939 |
| | (1952-1956 v. first to include abstracts.) |
| | Research directory and thesis abstracts, v. 1- 1953 |
| | Biological studies, abstract series, 1954- |
| | Studies in economics, abstract series, 1951- |
| | Studies in sociology, abstract series, 1951- |
| | Studies in politics, government, and international law, 1953- |
| | |
| | Philosophical studies. (In addition to abstract series number, abstracts |
| | are also given number of regular series.) 1953- |
| University of Cincinnati, Teachers | A) |
| | Abstracts: graduate theses in education, v. 1- 1927/1931 |
| | Dissertations and theses, Clark University Bulletin, v. 1- 1953- |
| Colorado State College | Abstracts of field studies for the degree of doctor of education, v. 1- |
| A STATE OF THE PARTY OF THE PAR | 1940- |
| Columbia University, Teachers | Mark State of the second secon |
| College | Doctor of education project reports. (In Teachers College record, |
| | Nov. 1948-) |
| University of Delaware | Delaware notes, v. 1, 1924- |
| Fletcher School of Law and Diplomacy. | Thesis abstract, no. 1- 1947- |
| The University of Florida | Abstracts of dissertations for the year |
| George Washington University | Summaries of doctoral dissertations, v. 1- 1925-28- |
| | Abstracts of doctoral theses, 1952- (In its Bulletin) |
| | Illinois Institute of Technology Publications, v. 1, 1952- |
| Lawrence College—Institute of | Lacety Can E. C. C. attended to a contract of the contract of |
| | Abstract bulletin of The Institute of Paper Chemistry, v. 1, 1930- |
| Mississippi State University | |
| | Abstracts of dissertations in education, v. 1- 1938- |
| New York University, School of | in first examination programs, |
| | Abstracts of theses submitted in partial fulfillment of the requirements |
| | for the degree of doctor of philosophy in the School of Education of New |
| | York University, 1930/1931- 1950/1951- |
| State University College of Forestry | Total University, 1000/1001- 1000/1001- |
| | Graduate theses 1944-1954, v. 1, 1955 |
| University of North Carolina | |
| | Faculty publications and research together with abstracts of doctoral |
| North Carolina State College | |
| University of North Debate | dissertations and masters theses, v. 1, 1953 |
| 1、10回りははなりはでははない。 | Abstracts of doctoral dissertations and masters theses, v. 1, 1952- |
| North Texas State College | |
| Onio University | Abstracts of graduate theses and dissertations, v. 1, 1939- (Devoted |
| | to masters' theses till this year.) |
| University of Oregon | Oregon. State Board of Higher Education. Graduate Theses. Univer- |
| | sity of Oregon, Oregon State College, University of Oregon Medical |
| The late of the la | School, 1932/1942- |
| | Abstracts of dissertations, v. 1, 1939/1942 |
| St. Louis University | Publications and research in progress of faculty members and graduate |
| | students, 1946/1947 (In its annual report of the president.) |
| Agricultural and Mechanical College | |
| of Texas | Abstracts of dissertations for the degree of doctor of philosophy, v. 1 |
| | (1956) 1940-1955 |
| Texas Technological College | Theses accepted by Texas Technological College, v. 1, 1956- |
| | Bibliography of publications and abstracts of dissertations by faculty, |
| Philisophique, Agebives de | fellows, and graduate students of Western Reserve University, 1947- |
| University of Wyoming | University of Wyoming publications, 1935- |
| | |

PUBLICATION. PRESERVATION AND LENDING OF AMERICAN DOCTORAL DISSERTATIONS

Many of the doctoral dissertations written each year are abstracted in Dissertation Abstracts and reproduced in full on microfilm by University Microfilms, Inc.

The Association of Research Libraries has endorsed publication by microfilm and the publication of an abstract in Dissertation Abstracts as one means of making this material available to scholars and research workers. The institutions participating in this cooperative publication program are to be found in Table I, and are separately listed on the inside front cover.

Graduate schools not requiring the microfilm publication of their doctoral dissertations will usually lend these on interlibrary loan. Inquiries for such dissertations should be addressed to the holding institution through a local reference library.

Dissertations abstracted in Dissertation Abstracts may be secured direct from University Microfilms, Inc. either as positive microfilm or as Xerox enlargements on paper. This latter service will be found useful to those who wish to avoid the necessity of using a microfilm reader.

TABLE I Practices of Publication and Loan of Doctoral Dissertations

| University of the contemporary of the contempo | Printing Required | Accepts Micro- filming | Abstracts Published | MS Copies Supplied Library | Lends Typed Copies | Lends Printed Copies |
|--|----------------------|------------------------------|------------------------|----------------------------------|--------------------------|----------------------------|
| University of Alabama | No | Yes1,13 | Yes | 2 | Yes | Yes13 |
| Alabama Polytechnic Institute | No | Yes1 | Yes | 2 | 1 | No |
| The American University | | Yes1 | No | 1 | No | No |
| University of Arizona | | Yes1 | No | 2 | Yes | No |
| University of Arkansas | No | Yes1 | Yes ²³ | | Yes | No |

¹Cooperates with University Microfilms, Inc., Ann Arbor, Mich. For additional information see "Introduction" in issues of Dissertation Abstracts.

the programmer of agency and your

Except in Teachers College.

³Except for Ed.D. dissertations.

⁴Except for dissertations not microfilmed.

⁵If no microfilm copy is available.

⁶Can usually supply microfilm copy.

⁷ In final examination programs.
8 Prior to October, 1957. One copy after October, 1957.

⁹ Up to 1958--Yes. Thereafter-No.

¹⁰ Only if out of print.

¹¹ Sells positive microfilm copies.

¹² One copy only in school of education.

¹³ On microcards.

14 For first 5 years with author's permission.

15 School of Engineering only cooperates with University Microsity Mi 15 School of Engineering only cooperates with University Microfilms, Inc.

¹⁶ With author's permission, the resemble translated and the state of the state of

¹⁷ Three copies required beginning February 1, 1959.

18 Two copies of Ed.D. degrees.

¹⁶ Two copies if not microfilmed.

²⁰ Only in physical sciences. The second is the second of the second of

²¹ Only for library purposes.

²² Requires microfilm publication as of 1959.

²³ Propose to publish at 5 to 6 year intervals.

²⁴ On dissertations submitted before Sept. 1, 1958-Yes. On more recent ones-No.

²⁵ Will be cooperating with University Microfilms, Inc. beginning in Sept. 1959.

²⁶ And positive microfilm.

²⁷ In College of Education only. Until microfilm copies are available (after 4 years).

29 In part. (Abstract.)

³⁰ Beginning in 1959. Prior to 1959--three.

³¹ Occasionally in "La Revue de l'Université Laval," "Laval Théologique et Philsophique," Archives de Folklore.

| University | Printing Required | Accepts Micro- filming | Abstracts Published | MS Copies Supplied Library | Lends Typed Copies | Lends Printed Copies |
|---|----------------------|------------------------------|------------------------|----------------------------------|--------------------------|----------------------------|
| Boston University | No | Yes1 | Yes | . glanevi | No | No |
| Bradley University | No | Yes1 | No | 2 | Yes5 | No |
| University of British Columbia | No | | No | 2 | Yes | Kansas |
| Polytechnic Institute of Brooklyn | No | Yes1 | Yes | tucky fel | Yes ⁵ | Yes |
| Brown University | No | Yes1 | No | 1 | No | No |
| Bryn Mawr College | Yes | Yes1 | No | to observed at | Yes16 | Yes |
| The University of Buffalo | Yes | Yes1 | No | 2 | Yes | No |
| University of California, Berkeley | No | No | Yes7 | 2 | Yes | No ⁶ |
| University of California, Davis | No | No | Yes7 | vitanoid | No | No |
| University of California, Los Angeles | Yes29 | Yes | Yes | 2 11 var | Yes | Univers |
| California Institute of Technology | No | | No | 2 | Yes | No |
| Carnegie Institute of Technology | Yes | No | No | 2 | Yes | Yes |
| Case Institute of Technology | Yes | No ¹ | Yes | 2 | Yes | No |
| Catholic University of America | Yes | No | Yes | oT forening | No ⁹ | No10 |
| University of Chicago | No | Yes | No | 1 | No | Non |
| University of Cincinnati | No | Yes1 | No ² | 2 | Yes ⁵ | Yes |
| The Claremont Graduate School | No | Yes1 | No | 2 | Yes ⁵ | 165 |
| | | Yes1 | No | 1 | Yes ²⁹ | No |
| Clark University | No | | 10.000 | tinger | | |
| University of Colorado | No | Yes¹ | No | Leave by making at 11 of | No | No |
| Colorado State University | No | No | No | Tridina 1 as two | No | No |
| Colorado State College | - 100 UNI | Yes1 | No | 2 | Yes | No |
| Colorado School of Mines | No | No | No | 3 | Yes | No |
| Columbia University | No | Yes1 | No | 2 | Yes | Yes |
| Columbia University, Teachers College | No | No | No | 2 | Yes | Yes |
| The University of Connecticut | No | Yes1 | No | 2 | Yes | No |
| Cornell University | No | Yes1 | No | 2 | Yes | No |
| Dallas Theological Seminary | No | No | No | 2 | Yes | No |
| University of Delaware | Yes | Yes1 | Yes | 2 | Yes5 | No |
| University of Denver | No | No | No | 3 | Yes | No |
| Drew University | No | Yes ⁵ | No | 130 | Yes | Yes ⁵ |
| Dropsie College | Yes | Yes | No | 2 | Yes | Yes |
| Duke University | No | Yes1 | No | 2 | Yes | No |
| Emory University | No | Yes1 | No | 2 2 2 | Yes | No |
| Fletcher School of Law and Diplomacy | No | No | No | 2 | Yes | No |
| University of Florida | Yes | Yes1 | Yes27 | 2 | Yes | Yes |
| The Florida State University | No | Yes1 | No | 2 | Yes ³ | No |
| Fordham University | No ²⁰ | No | No | h Dakota | Yes | |
| George Peabody College for Teachers | No | Yes1 | Yes | 2 100 | Yes | |
| George Washington University | No | | Yes | lashadood? | Yes | |
| Georgetown University | No | Yes | No | ersitt | Yes | |
| University of Georgia | No | Yes1 | No | 2 | Yes | |
| Georgia Institute of Technology | Yes ²⁹ | No | Yes | 2 | Yes | Yes2 |
| The Hartford Seminary Foundation | No | Yes | Yes | 3 | Yes | Yes |
| Harvard University | No | 165 | No | Old shores | Yes | Yes |
| Hebrew Union College—Jewish Institute of | | | a nestas: | nvermity | Etate Un | smodable |
| Religion | Yes | Yes | No | 2 | Yes | Yes |
| University of Houston | No | Marian Company | No | 1 | Yes | |
| Howard University | No | Yes | No | State Univers | Yes | No |
| Professional Colleges) | No | Yes1 | No | 2 2 2 2 Ed | Yes5 | No |
| Illinois Inst. of Technology | No | No | Yes | - 1 VI | Yes | No |
| Indiana University | No | Yes1 | No | tenim 2 Inal | Yes ⁵ | Yes |
| Institute of Paper Chemistry—See Lawrence College | oy ol | fronts born | | | alversity College - | |
| Institutum Divi Thomae Foundation | Yes | Yes1 | No | 3 200 | Yes | No |
| State University of Iowa | | Yes1 | No | ultianijalanis | No | No |
| Iowa State College | No | Yes1 | Yes | 2 | Yes | Yes |
| Jewish Institute of Religion—See Hebrew Union College | old in the | herake. | | ester | soul to | placevia |

| University | Printing Required | Accepts Micro- filming | Abstracts Published | MS Copies Supplied Library | Lends Typed Copies | Lends Printed Copies |
|--|----------------------|------------------------------|------------------------|----------------------------------|--------------------------|----------------------------|
| Johns Hopkins University | No | Yes15 | No | 2 | Yes16 | No |
| University of Kansas | No | Yes ²² | No | 2 | Yes | Yes |
| Kansas State University | No | Yes1 | No | 3 | Yes | No |
| University of Kentucky | No | Yes ¹ | No | 2 | Yes ²⁸ | |
| Université Laval | Yes | No | Yes ³¹ | 3 | Yes | |
| Chemistry | No | No | Yes | 1 | Yes | No |
| Lehigh University | No | Yes1 | No | 3 | Yes | No |
| Louisiana State University | No | Yes1 | No | 2 | No | No |
| University of Louisville | No | Yes1 | No | and limes! | Yes | No |
| Loyola University | No | No | No | 2 | Yes | Yes |
| University of Maryland | No | Yes1 | No | 2 | Yes | No |
| University of Massachusetts | Yes | No | No | tracilloctory | Yes | Yes |
| Massachusetts Institute of Technology | No | No | No | 1 | No | No ⁶ |
| McGill University | No | | No | 2 | Yes | Dalverin |
| University of Michigan | Yes | Yes1 | No | 2 | Yes | No |
| Michigan State University | No | Yes1 | No | 1 | Yes | No |
| Middlebury College | No | No | No | 2 | Yes | No |
| University of Minnesota | No | Yes1 | No | 2 | Yes | No |
| The University of Mississippi | No | Yes1 | No | 2 | Yes | No |
| Mississippi State University | No | | Yes | 2 | Yes | Access to the |
| University of Missouri | No | Yes1 | No | 2 | No | |
| Montana State University | No | Yes1 | No | 1 | No | No |
| The University of Nebraska (Including School | | | | eds (Teacher | a Univer | |
| of Education) | No | Yes¹ | No | 2 | Yes ⁵ | Yes |
| University of New Brunswick | Y ov | | Yes | 2 | Yes | |
| University of New Hampshire | No | Yes | No | 2 | No | No |
| The University of New Mexico | No | Yes | No | 2 | Yes | No |
| New School for Social Research | No | No | No | 2 | Yes | |
| New York University | Yes | Yes1 | No | 212 | Yes ⁵ | Yes |
| State University of New York College of | | | | | | |
| Ceramics at Alfred University | No | Yes | No | 3 | Yes | |
| State University College of Forestry at | N ON | - | | | inty exacts | Frams |
| Syracuse University | No | Yes | Yes | 2 | Yes | Yes |
| The University of North Carolina | No | Yes1 | No | 1. sbir | Yes24 | No |
| North Carolina State College | No | | Yes | quier symul | No | No |
| University of North Dakota | No | Yes | Yes | 1. 75 | Yes | No |
| North Texas State College | No | Yes1 | Yes | 2 2 | Yes | No |
| Northern Baptist Theological Seminary | No | No | No | distribution of | Yes | No |
| Northwestern University | Yes | Yes¹ | No | 2 | Yes | No |
| University of Notre Dame | No No | Yes1 | No | 2-3 | Yes | No |
| Ohio University | | Yes | Yes | golondes T to | Yes | Georgia |
| The Ohio State University | No | Yes¹ | No | bano 2 y 1 sats | No | No |
| The University of Oklahoma | No | Yes¹ | No | 2 | Yes | No |
| Oklahoma State University | No | No | No | 2 | Yes | |
| University of Oregon | No | Yes¹ | No | 2 | Yes | No |
| Oregon State College | No | No | No | 2 | No | No |
| University of Pennsylvania | No No | Yes¹ | No | 2 | Yes | Yes |
| The Pennsylvania State University | No | Yes1 | No | nipulo21) alor | Yes | No |
| University of Pittsburgh | No No | Yes1 | No | 3 agailt | Yes | |
| Princeton University | No | Yes¹ | Yes | 2 | Yes | Yes |
| Princeton Theological Seminary | No | No | Yes | 2 | Yes | Yes |
| Purdue University | No | Yes1 | No | 2 2 | Yes | No |
| Radcliffe College | No | No | No | 2 | Yes | |
| University of Redlands | No | Yes1 | No | 2 | Yes | No |
| Rensselaer Polytechnic Institute | No | Yes1 | No | 1 Lwo k | Yes | No |
| Rice Institute | No | No | No | 2 | Yes | No |
| University of Rochester | No | No | No | 2 | Yes | |

| University | Printing Required | Accepts Micro- filming | Abstracts Published | MS Copies Supplied Library | Lends Typed Copies | Lends Printed Copies |
|---|----------------------|------------------------------|------------------------|----------------------------------|--------------------------|----------------------------|
| Rutgers University | No | Yes1 | No | 2 | No | No |
| St. John's University | No | No | Yes | 2 | Yes | |
| St. Louis University | No | Yes1 | No | 2 | Yes | No |
| Smith College | No | No | No | 2 | Yes | Yes |
| University of South Carolina | No | Yes1 | No | 2 | Yes | No |
| Medical College of South Carolina | No | No | No | 2 | Yes | No |
| South Dakota State College | No | Yes | No | 2 | No | |
| Southern Baptist Theological Seminary | No | No | No | 2 | Yes | No |
| University of Southern California | No | Yes1 | No | 1 | Yes | No |
| Southwestern Baptist Theological Seminary | No | Yes | No | 2 | Yes | No |
| Stanford University | No | Yes1 | No | 3 | No | No |
| Syracuse University | No | Yes1 | No | 1 | Yes | No |
| Temple University | No | Yes1 | No | 2 | Yes | No |
| The University of Tennessee | No | Yes1 | No | 1 | Yes | No |
| The University of Texas | No | Yes1 | No | 2 | Yes | No |
| Agricultural and Mechanical College of Texas. | No | No | Yes | 2 | Yes | No |
| Texas Technological College | No | Yes25 | Yes | 2 | Yes | |
| University of Toronto | No | No | Yes | 2 | Yes | No |
| Tufts University | No | No | No | 2 | Yes | No |
| Tulane University | No | Yes1 | No | 1 | Yes | No |
| Union Theological Seminary | No | Yes1 | No | 2 | Yes ²⁶ | 10 |
| University of Utah | Yes | No ¹ | No | 2 | Yes5 | No |
| Utah State University | No | Yes1 | No | 1 | Yes | No |
| Vanderbilt University | No | Yes1 | No | 2 | Yes | No |
| University of Virginia | No | Yes1 | No | 2 | Yes14 | No |
| Virginia Polytechnic Institute | Yes | Yes1 | No. | 3 | Yes | Yes |
| Washington University | No | Yes1 | No | 3 | Yes | No |
| University of Washington | No | Yes1 | No | 2 | Yes | No |
| State College of Washington | No | Yes1 | No | 2 | Yes | No |
| Wayne State University | No | Yes1 | No | 2 | Yes | No |
| West Virginia University | No | | No | 2 | Yes | No |
| Western Reserve University | No | No | Yes | 2 | Yes | No |
| The University of Wisconsin | No | Yes1 | No | 1 | No | No |
| University of Wyoming | No | No | Yes | 2 | Yes | No |
| Yale University | Yes | No | No | 2 | No | Yes |
| Yeshiva University | No | Yes1 | Yes | 1 | Yes | Yes |

STATISTICAL TABLES

A ten-year comparative tabulation of doctoral dissertations by subject fields is shown in Table II.

Table III gives an analysis by universities and by subjects for the current year. Such tables were compiled also for the preceding volumes in this series. In the American Council on Education's American universities and colleges, 3d ed. (p. 54-75) will be found similar tables for the years 1925-35.

In order to avoid misinterpretations, it must be made clear that the lists in this series are not limited to dissertations written for the Ph.D. degree, but that dissertations written for other kinds of doctoral degrees, e.g. in Education, Science, Jurisprudence, Canon Law and Theology, are also included.

SYMBOLS AND ABBREVIATIONS

- † Indicates dissertations accepted prior to academic year covered by this volume, but not previously reported. These titles are not counted in the statistical tables.
- * Withheld pending publication.
- ‡ Title of dissertation not received from the university.

TABLE II

DISTRIBUTION OF DOCTORATES FOR THE YEARS
1950-1959

| | | OM | 090 | - Oy | 1.18 | 1 + + 10 | | | | galle. |
|------------------------------|-----------|-----------------------|-------------|---------|-------|------------|----------|----------|------------------|-------------|
| Lauffere College, header | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 |
| Philosophy | 94 | 105 | 92 | 131 | 104 | 100 | 96 | 96 | 104 | 123 |
| Religion | 156 | 190 | 184 | 206 | 152 | 138 | 140 | 159 | 180 | 184 |
| Astronomy | 17 | 13 | 13 | 20 | 18 | 17 | 24 | 9 | 23 | 20 |
| Biophysics | | | | | | | | | | 18 |
| Chemistry | 1098 | 1110 | 1101 | 1164 | 1169 | 1150 | 970 | 1016 | 1231 | 1272 |
| Engineering | 271 | 353 | 387 | 395 | 383 | 378 | 572 | 492 | 605 | 668 |
| Mathematics | 160 | 187 | 204 | 230 | 233 | 249 | 256 | 240 | 245 | 295 |
| letallurgy | 46 | 48 | 73 | 61 | 66 | 75 | 27 | 70 | 1 | 1 |
| hysics | 415 | 472 | 503 | 540 | 548 | 528 | 534 | 504 | 529 | 560 |
| eography | 40 | 31 | 33 | 37 | 46 | 52 | 58 | 47 | 60 | 55 |
| eology | 102 | 117 | 115 | 138 | 130 | 131 | 145 | 152 | 162 | 206 |
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¹ Included in Engineering.

² Included in Physics.

3 Omitted as a separate field.

⁴ Included in Chemistry.

5 Included in Zoology.

⁶ Included in Biology--Genetics.

7 Included in Agriculture.

8 Included in Health Sciences.

Included in Political Science.

10 Included in Fine Arts or History, Archaeology.

11 Included in other branches of Language and

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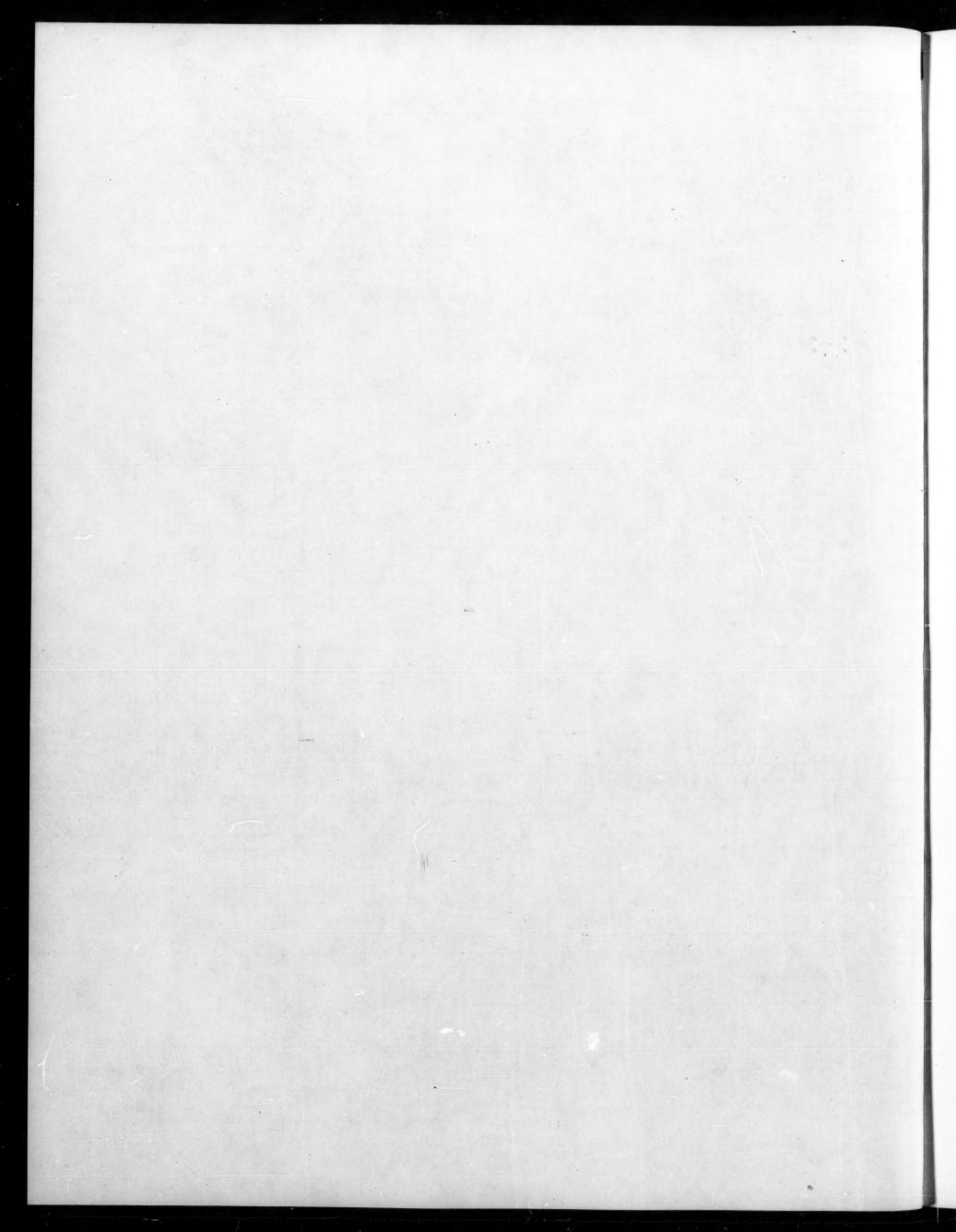
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Doctoral Dissertation, 1958-1959

AGRICULTURE

GENERAL

University of Connecticut

CASORSO, Donald Roy. The pathologic response of the developing chicken embryo to certain avian pathogens.

Cornell University

- BAKER, Harold Reid. An opinion survey of agricultural extension work in Ontario.
- BAKER, John Howard. The fate of ammonia applied to soils.
- DONOSO-TORRES, Julian. Reactions of metaphosphates in soils.
- GARY, Norman Erwin. A study of natural and induced supersedure of the queen honey bee; (Apis mellifera L.).
- LEACH, Arthur David. A study of green-house cooling.
- PARBERY, David Blaxland. The application of a modified technique in crop logging on wheat and corn in western New York State.
- RAM, Dip Narayan. Soil conservation aspects of managing cover crops under intensive cropping systems with special reference to soil physical properties and splash erosion control.
- RUF, JR., Robert Henry. Studies on the application of soluble fertilizers through an irrigation system.
- SEARLE, Shayle Robert. Age correcting dairy records according to the level of herd production.

The University of Florida

TENNILLE, Aubrey Wayne. Nitrate production and plant response resulting from soil applications of urea, biuret, two urea-formaldehyde compounds and ammonium sulfate.

University of Illinois

- DRAKE, Albert Estern. Econometric analysis of the demand and supply relationships for lard at the retail level.
- GROSSMAN, Robert Bruce. Characterization of ped surfaces in contrast to ped interiors from B horizons of some major great soil groups in Illinois.
- HACKLER, Lonnie Ross. Dried activated sewage sludge as a nitrogen source for ruminants.
- LETEY, John. The apparent mobilities of potassium and chlorine in soil.

RUST, Ronald Stuart. Producer benefits from the operations of the Ontario Sugar Beet Growers' Marketing Board.

WAANANEN, Martin Veikko. Economic effects of bulk milk handling.

Indiana University

ISMAIL, Abdelraman Haffez. Causal analysis of farm accidents in the state of Indiana.

Iowa State College

- DAY, Billy Neil. Experimental study of estrus and ovulation in swine.
- EGBERT, Alvin Charles. Programming regional adjustments in resource use for grain production.
- GROVER, Ben Leo. Non-steady state water tables of tile drainage.
- NAKAYAMA, Francis S. Gas sorption by soils and clay minerals.
- NIELSEN, Donald Rodney. Movement of water in unsaturated soils as related to soil physical properties.
- PHILLIPS, Ronald Edward. Soil compaction and corn growth.
- TRUSCOTT, John Dimond. Genetic and environmental factors in breeding smooth bromegrass, *Bromus inermis* Leyss.
- WELCH, Louis Frederick. Availability of nonexchangeable potassium and ammonium to plants and microorganisms.
- WOOLLEY, Donald Grant. Factors affecting, and methods for measuring low temperature tolerance of alfalfa, Medicago sativa L.

University of Massachusetts

MICHELSON, Louis Franklin. A moisture meter of the compensated capacity resonant circuit design for the instantaneous measurement of moisture in soils and other materials.

McGill University

- BOSWALL, Graeme Wyatt. Extraction and identification of organic phosphorus compounds of soils.
- COFFIN, David Earle. Investigation of organic material extracted from a podzol.
- SOPER, Robert Joseph. Characteristics of soil leachates collected under eastern hemlock (Tsugu canadensis).

Michigan State University

YASSOGLOU, Nicolaos John. Morphology and genesis of some soils containing fragipans in northern Michigan.

University of Minnesota

- BORTFELD, Charles Frederick. Production alternatives in repsonse to price changes for a 320 acre wheat-beef farm in south central Kansas.
- FURGALA, Basil. A study of the preferential responses of honey bees foraging various legumes in northern Minnesota, and certain factors affecting these responses.
- HOVLAND, Dwight. Some soil-plant relationships of potassium and magnesium.
- PAUL, Eldor Alvin. The extraction and quantitative estimation of free amino acids in

University of Nebraska

SAND, Paul Frederick. A study of some plant characteristics and control of bur ragweed, Franseria tomentosa Gray.

North Carolina State College

BAIRD, Bruce Lloyd. Factors affecting the nutrient content and yield response of corn to nitrogen, phosphorus and potassium fertilization.

The Ohio State University

DOWLER, Clyde Cecil. Gamma phenoxybuttyric compounds and other herbicides on legumes.

The Pennsylvania State University

- HARRINGTON, Joseph Donald. Sod subjugation with herbicides and other cultural practices for pasture renovation.
- SWOPE, Daniel Augustus. Factors associated with the use of milk as a beverage by adults.
- THARP, Bruce Wilbur. The effect of deodorized milk fat on the flavor deterioration of dry whole milk.

Purdue University

- BRONSON, Roy DeBolt. Weathering sequence of micaceous minerals.
- EVERETT, Paul Harrison. The influence of clay type on organic matter retention, and on uronic and amino acid formation during decomposition of organic materials.

- DHAWAN, Charanjit Lal. Combining ability in timothy.
- KOHEL, Russell James. The inheritance of dormancy habit and its relation to cold resistance in F₂ and BC₁ generations of alfalfa.
- PERGAMENT, Eugene. A study of the quantitative inheritance of height and yield in *Medicago sativa* L.

Rutgers University

BAUMGARDT, Billy Ray. Comparison and development of laboratory methods for forage evaluation.

Agricultural and Mechanical College of Texas

MORROW, Judd. The relationship of soils, precipitation, phosphorous fertilization and livestock grazing to vegetational composition and forage production of native vegetation on the Encino division of the King Ranch.

Utah State University

- NEHER, David Daniel. The effect of nutrient cultures on the translocation of foliar applied nutrients.
- WOLFE, William John. The development and evaluation of a method for the condensation of moisture uniformly in soil without exceeding field capacity.

State College of Washington

- FERGUSON, Albert Hayden. Movement of soil water as inferred from moisture content measurements by gamma ray absorption.
- HOLMGREN, George Garnett Shedd. Polyionic counter diffusion of cations through a thin clay membrane.
- MILLER, David Eugene. Effect of profile stratification and other factors on water infiltration.
- WALKER, David Whitman. An evaluation of various methods of controlling insects infesting stored grains.

The University of Wisconsin

- ANDERSON, Raymond Lloyd. Problems of private land use for recreation in Wisconsin.
- BECKSTRAND, Gordon Lynn. Organization and operational procedures of extension program advisory councils, characteristics of council members and their appraisal of their council operation, in selected counties in Oregon and Colorado.
- BLOBEL, Hans-Georg. Experimental studies on staphylococcal coagulase.
- BOONE, Edgar John. The professional status of extension specialists as compared with research resident teaching staffs of selected departments in four land-grant institutions.
- BUSWELL, Arthur Stephen. The role of the Cooperative Extension Service in Alaska.
- CHALFANT, Richard Bruce. Transmission of cabbage viruses A and B by the cabbage and green peach aphids.

- DIXON, Joe Boris. Mineralogical analyses of soil clays involving vermiculite-chloritekaolinite differentiation.
- EVANS, Jean Charles. The organization and operation of extension marketing programs in selected states, 1957.
- FAULKNER, Lindsey Ralph. Pathological histology, hosts and culture of the potato rot nematode.
- GLENN, Rollin Copper. Phosphate and silicate weathering during soil formation.
- HILL, William Bailey. A status study of program development in the Negro divisions of the cooperative extension services of ten southern states.
- LAWSON, Winferd Mathis. Commercial cotton farm operators perception of the California Agricultural Extension Service.
- MEHRA, Om Prakash. Specific surface determination of layer silicates in the presence of mica.
- NIMLOS, Thomas John. Relative efficiencies of size fractions of dolomitic limestone.
- OLSON, Norman Fredrick. Study of the control of the physical structure of pasteurized process cheese spreads.
- PETERS, Joseph Jerome. Studies in the cleaning of milk handling surfaces.
- PFANNSTIEL, Daniel Charles. Criteria for determining financial support of county agricultural extension work in Texas.
- PHELPS, William Robert. The chemotherapy of oak wilt.
- SCHENEMAN, Carl Norman. The functions and procedures of subject-matter specialists in the Missouri Cooperative Extension Service.
- SCHLUTT, Edward. F. The district extension leaders' and the beginning county extension agents' perception of the beginning agents' role definition and role fulfillment.
- SCHMID, Alfred Allan. Water allocation and development in Wisconsin.
- SCHOENEMANN, John Alfred. Effect of variety and harvest date systems on economic returns for potato farms in central Wisconsin
- SINGH, Kalpa Nath. A study of the personal and social behavior of sixth grade 4-H and non 4-H boys and girls in ten selected Wisconsin communities.
- SMITH, Clifford Lovejoy. An analysis of certain personnel policies of the cooperative extension service with emphasis on Oregon.
- VAKALERIS, Demetrius G. Measurements and effects of proteolysis in cheese upon the use of cheese in pasteurized process cheese spreads.
- VOLLBRECHT, Howard Albert. Meat packing plant effluent as an irrigation medium.

University of Wyoming

WELDON, Lyle W. The penetration and persistence of 3-(3,4-dichlorophenyl)-1,1-dimethylurea in soil.

ANIMAL CULTURE

University of California, Davis

OUSTERHOUT, Lawrence Elwyn. Survival, biochemical changes, and amino acid oxidation in chicks following ommission of essential amino acids from a purified diet.

The University of Connecticut

ROUSSEAU, JR., Joseph Edward. Equivalency of carotene to vitamin A in the bovine.

Cornell University

- ANDERSON, Melvin Joseph. A study of some effects of four levels of grazing intensity upon the performance of lactating cows.
- ARMSTRONG, David Thomas. Neurohypophyseal regulation of anterior pituitary gonadotrophic hormone secretion.
- BLACK, Donald Leighton. Transport through the rabbit oviduct.
- BOGGS, Dallas Ervin. An in vivo N-15 tracer study of amino acid metabolism in the rumen of sheep on a purified diet.
- BOND, Howard Edward. A study on the pathogenesis of acute acid indigestion in the sheep.
- DAM, Richard. Studies on organic unidentified growth factors required by the chick.
- DOOLITTLE, Donald Preston. Erythrocyte antigens in a random bred population of single comb white leghorn fowl.
- DRORI, David. Metabolic aspects of urea and carbohydrates versus plant protein for sheep.
- ELLIOTT, John Murray. The effect of the dietary ratio of hay to concentrate on efficiency of energy utilization for milk production.
- HAFS, Harold David. Libido, sperm characteristics, sperm output, and fertility of mature dairy bulls ejaculated at daily or weekly intervals for thirty two weeks.
- HAYNES, Emmit Howard. Ruminant digestion study techniques—I. Cotton loops as a measure of cellulose digestion. II. Preservation of feces to prevent nitrogen and dry matter losses.
- HOLTER, John Albert. The use of forage and fecal protein as indicators of forage digestibility.
- HORRINGTON, Emily Mae. Parabiosis of rats of two different ages.
- KONISHI, Frank. A study of factors affecting nutrient utilization with special reference to calcium.
- MAPLESDEN, Douglas Cecil. Studies on nutritional muscular dystrophy in cattle.
- MEDWAY, William. Water metabolism in the growing domestic fowl.
- MERRILL, William George. Effects of foliar application of urea on the nutritive value of some grass hays.

- NESHEIM, Malden Charles. Studies on the effect of selenium and other factors on vitamin E deficiency in the chick.
- STUBBS, Owen James. Preferences of cattle for certain flavors and their effect on palatability of salt mixtures.

The University of Florida

CARPENTER, James Woodford. Slaughter and carcass characteristics of Brahman, shorthorn, and Brahman-shorthorn crossbred steers.

University of Illinois

- BRADLEY, Neil Wright. An evaluation of chromic oxide as an indicator for determining digestibility of beef cattle rations.
- DIGGS, Billy Gene. The energy value of various feedstuffs for the young pig.
- MOELLER, JR., Max Walter Albert. Mineral requirement of the chick with special reference to zinc and magnesium.
- ROLLINS, Gilbert Horace. The apparent digestability of the protein and dry matter of high-protein and standard hybrid corn silages.
- SHEPPARD, Alan Jonathan. Studies on rumen volatile fatty acid production.

Iowa State College

- BAKER, Roy Oscar. Proteolytic enzymes in baby pig nutrition.
- COOPER, Rodney Jean. Muscle development in two genetic groups of swine as influenced by the amount of feed and length of feeding.
- JOHNSON, Conwell Winston. Effect of thyroactive compounds on lactating sows.
- RATCLIFF, Lantis, Factors affecting nutrient utilization by dairy calves.
- SMITH, Charles. Efficiency of testing schemes in swine.
- SUMMERS, Charles Eugene. Nutritional significance of linseed mucin in ruminant rations.
- WILBUR, Robert D. Intestinal flora of the pig as influenced by diet and age.

Kansas State University

- BORGMAN, Robert Frederic. Avitaminoisis E. and nutritional muscular dystrophy in relation to induced stresses.
- BROWNING, Charles Benton. Effects of diethylstilbestrol on milk production in cows and rats, on certain changes in rumen ingesta and on bovine differential leucocyte counts.
- MacFADDEN, Dona'd Lee. The relation of intestinal bacterial cirulence as measured by phagocytosis to the mode of action of antibiotics in dairy calf growth stimulation.
- MATTHEWS, Doyle Jensen. Relationship of live lamb measurements to carcass characteristics as affected by different breeding systems.

Louisiana State University

- FELL, Ralph Vincent. The utilization by the chick of D and L isomers of amino acids on liquid and solid diets.
- HAMBLIN, Foster Benton. Methods of measurement of thyroid secretion rate and effects of alterations of thyroid function on dairy cattle exposed to hot and cool conditions.
- HALL, John Gordon. Estrus, estrous cycles, ovulation time and fertility of dairy cattle in Louisiana.
- RICHARDSON, Charles Edward. The effect of dietary protein and energy level upon the nitrogen components in the urine of the domestic hen.
- TEEKELL, Roger Alton. The effect of six mineral elements in avian nutrition.

University of Maryland

- BROWN, William H. Studies of in vitro techniques and the effects of diet upon the production and recycling of rumen volatile fatty acids.
- ENSOR, William L. Effect of feeding ground hay and heated grains alone and in various combinations to cows upon rumen organic acids and fat content of milk.
- EUSEBIO, Alfonso N. Effect of raw or steamed corn diets with or without certain additives on rumen volatile fatty acids and rumen microbial dissimilation of radioactive glucose.
- McCARTHY, Robert David. Tracer studies of the perfused rumina and livers of goats.

McGill University

BEACOM, Stanley Ernest. The effect of grinding on the voluntary consumption and nutrient availability of early vs. late-cut clover and timothy hays when fed to lambs.

Michigan State University

- BLEILER, Roberta E. Influence of dietary protein on liver constituents of tuberculous and non-tuberculous guinea pigs.
- FRIES, George Francis. Effect of enzyme supplementation of milk replacers on the growth of calves.
- HILLMAN, Donald. Appetite for dry matter in dairy cattle: grass silage vs. hay.
- HOCHSTETLER, Laysel N. The effect of level and source of fiber on feedlot performance, carcass characteristics and gastrointestinal tract of swine.
- HUPP, Eugene Wesley. Some factors associated with the rate of milk flow in dairy cattle.
- POPE, Charles Wesley. The effect of nutrition upon the incidence of blood spots in chicken eggs.
- ROBERSON, Robert H. The role of zinc in poultry nutrition.
- STILES, Philip Glenn. Studies on the cause and incidence of blood spots in chicken eggs.
- TSANG, Simon Tsai-Li. The value of corn fermentation solubles in poultry nutrition.

University of Missouri

- ANDERSON, Marion Meryln. Dehydration studies on bovine spermatozoa.
- PREMACHANDRA, Bhartur Narasimhaiengar. The thyroxine secretion rate of domestic animals utilizing radioactive iodine as a tracer.
- THOMPSON, Granville Berry. Some effects of physical forms of rations on feed utilization by lambs.

University of Minnesota

- AL RAWY, Mohammed Ammar. The effect of constant and alternating temperatures and various relative humidities on growth, survival and reproduction of *Tribolium confusum Duval*.
- PELLEGRINI, Livia. A study of vitamin E deficiency in pigs fed a torula yeast diet.
- PETERS, Hobart Frank. A genealogical study of the Romnelet sheep.
- VENKATASWAMI, Vallam. A study of factors influencing the frequency distribution of returns of cows bred artifically with fluid and frozen serum.

North Carolina State College

- EDWARDS, Robert Lee. Studies on the utilization of ingested lipids by ruminant animals.
- MOCHRIE, Richard Douglas. Relationship of frequency of feeding to feed utilization and other physiological activities of the bovine.
- PATI, Nityananda. Storage of bovine semen at low temperature (-79°C) using reconstituted buttermilk as an extender.
- PRITCHARD, Gerald Ian. Interrelationships between the metabolisms of short-chain fatty acids by ruminant tissues.

The Ohio State University

- ETGEN, William Mathias. The effect of gestation on milk and butterfat production in dairy cattle.
- LONG, John Edward. The physical properties and interactions of some minor milk proteins.
- VANDERSALL, John Henry. Physiological effects of sudden ration changes in dairy cattle.
- WESELI, Donald Fenton. The adenosinetriphosphatase activity of bovine spermatozoa.

Oklahoma State University

- BEROUSEK, Ernest Roy. Estimates of heritability, repeatibility and genetic correlations of production and type of Guernsey cattle.
- ROBINSON, Niels Whitney. The effect of added fat and corn on the utilization by steers of nitrogen in wintering rations.

Oregon State College

EAPEN, Kochukaleekal John. The influence of dietary carotene levels on semen phosphatases of farm animals.

KENNICK, Walter Herbert. Estimation of the percentage of fat and lean in the edible portion of steer carcasses.

The Pennsylvania State University

- SIEGEL, Herbert S. Population density as a physiological stress in young male chickens.
- SKOGLUND, Winthrop Charles. The effect of light, floor space, and form of feed upon cannibalism, body weights, feed conversion and mortality in broilers.

Purdue University

- DAVIS, John William. Some studies of swine dysentery.
- JETER, Dwain Leon. The effect of organic and inorganic sources of unidentified growth factors on the growing pig.
- MAY, Kenneth Nathaniel. The effect of certain factors on moisture, protein, threonine and other components of hens' eggs.
- WALKER, Billy Jean. Laboratory studies on silage fermentation.

Rutgers University

- HUNSAKER, Walter George. Blood flow and calcium transfer through the uterus of the chicken.
- WILCOX, Charles Julian. Relationships between milk production and type ratings of Holstein females with corrections for important environment factors.

Agricultural and Mechanical College of Teaxs

- FANGUY, Roy Charles. The identification of blood group alleles using antisera produced in non-related populations.
- GREEN, George G. The level of serum protein-bound iodine, its repeatability and relationship to rate of gain in immature beef cattle.
- HARRIS, Ralph R. Effect of supplemental fat in high-energy rations on hot-weather performance of producing dairy cows.
- JOHNSON, JR., Joseph Calbert. Phenotypic and genetic relationships bewteen certain body measurements and milk production of first lactation Holsteins.
- PACKETT, JR., Leonard V. Advances in sheep nutrition with self-feeding procedures, pelleted diets, antibiotics, diethylstilbestrol, and tranquilizers.
- SMITH, JR., Daniel Newton. The effect of high levels of fat, choline, vitamin B₁₂, and vitamin E on the occurrence of fatty livers in caged layers.
- SVACHA, Richard Lincoln. Effects of cholesterol, type of fat, energy level and lopotropic agents in the diet of the domestic fowl.
- WHEELER, Harry Ogden. Microbiological and nutritional aspects of pendulous crop in turkey poults.

University of Toronto

VESSELINOVITCH, Stan Dushan. Electrophoretic studies of bovine semen.

Utah State University

- SHUMWAY, Richard Phil. Studies of body fat composition of live steers using tritium, antipyrine, and n-acetyl 4-aminoantipyrie dilution methods.
- RALEIGH, Robert Joseph. The influence of different nitrogen sources, with differential fat and diethystilbestrol levels, on feed utilization and fattening performance of lambs.

University of Washington

- BEVAN, Donald Edward. Tagging experiments in the Kodiak Island area with reference to the estimation of salmon (Oncorhynchus) populations.
- EL-SAYED, Sayed Zakaria. Population dynamics of English sole (*Parophrys vetulus*, Girard) in Puget Sound, Washington, with special reference to the problems of sampling.
- PAULIK, Gerald John. The locomotive performance of salmonoids during upstream migration.

State College of Washington

- LUCAS, Joseph James. A study of some effects of selection on economically important traits in swine under full versus limited feeding.
- ROBERTS, William Kenneth. Some effects of energy source upon performance of gestating Hereford cows.

The University of Wisconsin

- HOOPINGARNER, Roger Allen. An analysis of genetic and environmental factors affecting larval development of queen honey bees.
- JOHNSON, Lawrence Arnold. Heritability and repeatability of first, second, third and fourth records of varying duration in Brown Swiss cattle.
- LUGTHART, Garrit John. Biology and control of housefly larvae.
- MADSEN, Milton A. Factors associated with wool production of range Columbia ewes.
- MITCHELL, Ralph Gerald. Heritabilities and phenotypic and genetic correlations between type ratings and milk and butterfat production in Holstein-Friesian cattle.
- ROBISON, Odis Wayne. Development of a swine selection index including live animal measurements as indicators of carcass quality.
- SPIES, Harold Glen. Embryo mortality and factors affecting corpus luteum maintenance in pregnant swine.

FORESTRY AND WILDLIFE

Alabama Polytechnic Institute

HESTER, II, Francis Eugene. The toxicities of several rotenone formulations to nine species of warm-water fishes.

Cornell University

- HATCH, Richard Wallace. Trout production in four Adirondack lakes.
- JOHNSGARD, Paul Austin. Evolutionary relationships among the North American mallards.

Iowa State College

GATHERUM, Gordon E. Establishment of forest tree seedlings.

University of Michigan

- ANDERSON, Richard Orr. The influence of season and temperature on growth of the bluegill, *Lepomis macrachirus*, Rafinesque.
- BARNES, Burton Verne. Natural variation and clonal development of *Populus tremuloides* and *P. grandidentata* in northern Lower Michigan.
- BUCKMAN, Robert Erwin. The growth and yield of red pine in Minnesota.
- KAKLI, Mohammad Sulaiman. Some biological aspects of pure and mixed coniferous plantations in Lower Michigan.
- MERRITT, Clair. Studies in the root growth of red pine (Pinus resinosa, Ait.).
- RENNELS, Robert Gossett. The natural history of the Zimmerman pine moth, Diocryctria zimmermani (Grote).
- SCHNIEWIND, Arno Peter. The transverse anistotrophy of wood as a function of anatomic structure.
- SHOMON, Joseph James. Effective conservation communications: a study of conservation information-education problems and practices in America with recommendations for improving current methods and media.

Michigan State University

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- SPARKES, Charles Henry. Spinach nutrition in relation to manganese, phosphorus, and lime fertilization.
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- FERGUSON, John. Reducing plant disease with fungicidal soil treatment, pathogen-free stock, and controlled microbial colonization.
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- HINE, Richard Bates. Studies on the peach replant problem.
- LIPPERT, Laverne Francis. Spindling sprout of potato tubers and its association with a strain of California aster yellows virus.
- McCAIN, Arthur Hamilton. The cytology and the inheritance of pathogenicity of *Puccinia* carthami Corda, the causal agent of safflower rust.
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George Washington University

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Oklahoma State University

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- ELEFANTE, Angela M. The rights and duties of the independent school in the United
- FILE, Sister M. Jeanne. A critical analysis of current concepts of art in American higher education.
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- CARPENTER, Regan. A study of the effectiveness of the problem method and the textbook-discussion method in elementary science instruction.
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- DYKSTRA, Harry. Selected characteristics of the teaching force in South Dakota independent school districts in 1956-1957.
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- KENNER, Morton Roy. Hilbert's formalism and the development of geometry.
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- GILLESPIE, Karen R. Education for potential retailing executives.
- GOLDMAN, I. Solomon. Significant structural characteristics in first movement development sections in selected symphonies of Haydn, Beethoven, and Schubert.
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- GRIFFITH, Francis. The oratory of an agitator: the speeches of Daniel O'Connell on Catholic emancipation.
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- CROSBY, Ella Mae. Extension work in Brazil and suggestions for its further development.
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- AYERS, Milas McCord. Religious content of frequently used undergraduate professional education textbooks.
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- TROXEL, Vernon Earl. Reading eighth grade mathematical materials for selected purposes.

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- BUTLER, Raymond Stoner. Rank by sex in high school graduating class in relation to scores made on selected entrance tests at Indiana University.
- CARTER, Clyde Neil. The status and functions of assistant superintendents of schools in selected cities
- CHABE, Alexander Michael. An analysis of administrative policies and practices related to off-campus student teaching in
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- FITCH, Franklin C. A follow-up study of a selected group of Ball State Teachers College graduates.
- FULTS, Daniel A. An inquiry into the housing status and housing needs of married students at Indiana University.
- HARDAWAY, Charles Wallace. The status entrance requirements and policies of statesupported teachers colleges and proposed guides for admissions for Indiana State Teachers College.
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- SCHRECK, Thomas Calvin. A study of the acceptability of specified student behavior to students, faculty, and student personnel staff.
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- WILLIAMS, Charles Curren. An experimental study to determine the effectiveness of the freshmen orientation course at North Texas State College.
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- GREEN, Donald Austin, A study of the relationships between school persistence and grades, ability and achievement of secondary school pupils.
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ROEDER, Virginia Voigt. The scholastic performance of children of working mothers.

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- CLOTHIER, Grant Martin. A proposed plan for curriculum revision in the secondary schools of Leavenworth, Kansas.
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- PENNY, Lawrence L. A study of socioeconomic status in relation to grades assigned and school achievement.
- PETERSON, Martha Elizabeth. An evaluation of relationships between test data and success as a residence hall counselor.
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- RENZ, Russell Ray. A study of studentcentered teaching and its application to the development of educational leadership.

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- WHITE, Richard Clark. Church leaders attitudes toward aggressive, non-aggressive and immoral behavior.
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- WOHL, Sidney Arthur. The investigation of perceptual sensitivity and psychophysiological characteristics of attention.

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- BRUNER, Ruth Avalina. Business education of the secondary schools of Louisiana, 1936-1956.
- FERGUSON, Frank Daniel. Some recommended areas of study for a management curriculum geared to the potential office manager based on a job analysis of office managers.
- GARRETT, JR., John Lamar. The status and employment of science education graduates in Louisiana, 1947-56.
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University of Maryland

- GISRIEL, Austin Eugene. The development and analysis of an instrument designed to measure work attitudes, using selected groups of students and employees.
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- KIM, Jongchol. An analysis of the polar orientations of educational administration and their implications for education leadership.

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- RIVERS, Marie Davidson. Peer acceptance and rejection of Negro teachers who were first or among the first to be employed in white or predominantly white schools north of the Mason-Dixon line.
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- EASTER, Ernest Clifford. The effect of known heterogeneity on coefficients of internal consistency.
- EDMUNDS, Edwin Ray. Services offered to exceptional children in 217 Missouri public schools.
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- ADAMS, Howard Wesley. Certain characteristics of the freshman class entering Lamar State College of Technology.
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- CRANE, Carlson Eldridge. A critical analysis of selected university continuing education centers in the United States.
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North Texas State College

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- HARDWAY, Wendell Gary. Principals' evaluation of local programs of vocational agriculture in West Virginia.
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- TAHA, Intissar Abdelal Younis. Pragmatism and the concept of freedom in the writings of Boyd H. Bode, William H. Kilpatrick, and Max C. Otto.

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- BASS, Juet Carl. An analysis of critical thinking in a college general zoology class.
- BUCHANAN, Bonnie Bell. An analysis of opinions concerning selected concepts of home economics education.
- CATES, Eugene Franklin. What provisions have been made by professional teachers' organizations for the protection and discipling of their members?
- COYLE, Edward James. A program for accreditation of private business schools in Oklahoma.
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- EDWARDS, Melvin Lloyd. The effect of automation on accounting jobs.
- ERNST, Wilma Alice. An analysis of accounting systems and practices with implications for improvement of instruction in accounting.
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The Pennsylvania State University

- ARNOLD, Frank Anthony. Health instruction practices and related activities in the junior high schools of Texas.
- IGOE, William David. Casual factors of dropouts from upper six grades in selected fourth class school districts in McKean County, Pennsylvania.

- LEONARD, Elizabeth Waugh. Selected general education outcomes of a foreign travel and study program.
- MICHAEL, John Arthur. The effect of award, adult standard, and peer standard upon the creativeness in art of high school pupils.
- SHIMABUKURO, Shinkichi. Personal aggression and other correlates of the attitude toward the use of military force in international relations.

University of Pittsburgh

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- STEEB, Ralph Victor. The supervision of industrial arts in Pennsylvania.

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PETERSON, Tillman Jerome. A study of space allocations and unit costs of twenty-three elementary school buildings and nine primary school buildings constructed in Portland, Oregon from 1947-1957.

Purdue University

- RICE, David Lee. A comparative study of the personal adjustment of high school students attending a reorganized rural school district with high school students attending selected rural township school districts.
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- STAMM, Martin Luther. A study of the identifying characteristics of selected juvenile delinquents.
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- YOUNG, John Frederick. A comparison of the academic preparation and achievement of college students from various size high schools in Indiana.

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- BELT, Sidney L. Measuring attitudes of high school pupils towards science and scientists.
- COOPER, Edwin Hale. A study of the effects upon science teaching of summer employment programs in industry.
- FRANKEL, Moe L. Achieving curriculum change through economic education; a field study of selected schools.
- HEINLEIN, David Michael. Action research to improve the science curriculum of a school.

- LOCKWOOD, Stephen Hoyt. An experimental investigation on the retention of gains in academic achievement made by a group of gifted children in the intermediate grades.
- O'BRIEN, John Lawrence. Articulation in New Jersey junior and senior high schools.
- PAI, Young. The free will-determinism controversy and its educational implications.
- SCHOR, Theodore. Variables that affect the utilization of audio-visual materials.
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- CRAWFORD, F.S.C., Brother Augustine. The study of the relationship of intelligence, personality and socio-economic classification to the reading ability of eighth grade boys.
- KIRK, F.M.S., Brother Daniel. A study of the interests of Brother candidates and professed Brothers, on the Strong Minister and Clerical Interest Scales.

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DEL GRANDE, O.S.U., Sister Mary Vera. A study of the values of Catholic high school students of differing socio-economic backgrounds and the relationship of these values to those of their parents.

University of South Carolina

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- GREEN, John Elwyn. School music services in state departments of education with implications for California.
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- HORTON, Robert Eugene. Concept formation in freshman mathematics for engineers.
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- BAILEY, Herbert Sternbergh. Teaching physics on closed circuit television.
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- CAMPBELL, Robert Alvin. A critical analysis of the music programs in thirteen selected Texas public junior colleges.
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University of Toronto

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University of Utah

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- BROOKS, Richard Boynton. A description and analysis of the school population in grades one, six, and eight within the Norfolk, Virginia, school system.
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- MAGAW, David C. Criminal antisocial and inadequate personalities—a clinical and psychometric comparison.
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- ROBERTS, Bernice Ramsey. A comparison of teacher judgements and multi-factor test scores as predictors of pupil capacity.
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West Virginia University

OATES, Harvey Brown. A training program for the school bus drivers of the United States.

The University of Wisconsin

- ATWOOD, Harry Mason. An analysis of achievement by selected superior University of Wisconsin freshmen with implications for the development of enrichment materials for high school mathematics.
- COHN, Adrian Alfred. The relationship of a community newspaper to the educational problems of its community.
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- FELDHUSEN, John Frederick. A study of efficiency of learning and retention in arithmetic among children of low average and high intelligence at a mean age of 112 months.
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- SCOTT, Donald Thomas. An analysis of teacher and student opinions of an experimental method of teaching high school physics through the use of films as compared to traditional methods.
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- CASSIUS, Joseph. The effects of self-defense training on the morale, social adjustment and emotionality of high school students as measured by the M.M.P.I.
- LIEBERMAN, Sidney. Integrating the world history curriculum with Jewish historical developments for the Yeshiva High School.

ADMINISTRATION

University of Alabama

WILLMAN, Leon Dwight. Guidance services in the state departments of education in the United States, with a proposed plan for a guidance division in the Alabama State Department of Education.

University of Arkansas

- CROW, William Miles. The professional status of the twelve-grade principals of Louisiana.
- McQUEEN, William Clarendon. Professional education programs for school administrators.
- SATER, Donald Evert. A follow-up study of graduates in education who have received the master's degree at the University of Arkansas.
- SHANNON, Avon Guy. What public school board members in the United States want to know about their schools: with special reference to Arkansas.

Alabama Polytechnic Institute

- GRANADE, Charles James. A study of the public junior college movement in Georgia with emphasis on trends.
- SUTTLES, William Maurrelle. A study of certain personnel practices and policies pertaining to the professional staff members in selected four-year private colleges and universities located in Georgia.

The University of Buffalo

CALI, Alfred Joseph. A study of chief school administrator opinion regarding human relations behaviors of public school administrators.

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- ANGEL, JR., Frank. Controls in state programs for financing public school plant facilities.
- BALLF, Harry Ambrose. The employment of teachers in California.
- BOSTWICK, Alan Middleton. Public funds for school publicity in the United States.
- ELLIOTT, Robert Thomas. An evaluation of the California Public School Building State Aid Law of 1947.
- FREUDENTHAL, Daniel Koppel. Relationships between local school district unification in California and the financial support of public education.
- JONES, Richard Vane. Decentralization in the school district with two or more high schools.
- MATSLER, Franklin Giles. State controls in provisions for financing public school capital outlay support programs in California and Florida.
- NEWMAN, Harold Randolph. Job placement service in the public junior college.

University of California Los Angeles

- KIBBY, George Milton. The reorganization of school districts in Riverside County.
- SWISHER, Ivan Wesley. Selected criteria for the evaluation of the administration of college physical education.
- WEWER, William Peter. Factors in principal-teacher relationships associated with teacher job satisfaction.

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- DROLET, Howard Vincent. A study of the services facilitating guidance provided by the diocesan superintendent's office of education in the United States.
- SHINN, Anna Hazel. Social living in Catholic four year colleges for women.

University of Chicago

- EVENSON, Warren L. The leadership behavior of high school principles: perceptions and expectations of superintendents, principals, and staff members.
- MALO, Albert H. Personality variables related to administrative potential.

Colorado State College

- DE BERNARDI, Theodore Warren (with WETTSTEIN, Joseph Anthony). A study of administrative handbooks in three hundred thirty-two selected school districts.
- HAYES, Albert Truman. The senior trip as an activity in Kansas high schools.
- HAYES, Charles Leonard. The prognostic value of certain factors contributing to academic success and failure in the general college of the North Carolina Agricultural and Technical College.
- KJOSNESS, Olaf Calmer. The status of group health insurance plans for college and university faculties.

- LUTEY, Nelson Herbert. A comparison of educational programs and facilities available to seventh and eighth grade pupils in 8-4 and reorganized schools in first class districts of Montana.
- POURCHOT, Leonard LaVerne. Some characteristics, needs, and problems of fourth grade children of Spanish-Mexican-Indian ancestry in Colorado in the upper quartile of intelligence in their group.
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- WILKINSON, Foster Flowers. Attitudes of qualified teachers toward Mississippi schools.

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- ANDERSON, Calvin Edward. A study of the problems encountered in the installation and utilization of automatic accounting machines in student record keeping in secondary schools.
- ANDERSON, Gerald Wilbur. Lay participation in the evaluation of secondary schools.
- APPELSON, Wallace Bertrand. An overview of urban and rural real estate assessment practices.
- ARNEZ, Nancy Levi. The development of a proposed plan of program study for Houston Junior High School, Baltimore, Maryland.
- DINEEN, Mary Agnes. The allocation of college credit for the clinical laboratory experience in the preservice baccalaureate nursing program.
- DOOLIN, Howard A. Music in the Dade County, Florida, elementary schools: a proposed guide for principals.
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- FIRTH, Gerald Richmond. Professional self-discipline of public school personnel.
- GAMBLE, Frank Ervin. A study of certification requirements for teachers of public school music.
- HALL, James Revis. A study of the financial effort of regionally accredited secondary schools in Alabama to meet the standards of the Southern Association of Colleges and Secondary Schools.
- HIBBARD, Marjory Gillmor. A suggested guide for reorganizing the administrative structure of the University of Colorado School of Nursing.
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- HUBER, H. Ronald. A study of the development of activities at Fox Lane School.
- JEFFORDS, Dexter Martin. A manual of school business administration procedures for the Roslyn public schools, Roslyn, Long Island, New York.
- JESTER, David Linville. Basic considerations in founding a college in Nigeria.

- LAMITIE, Robert Edward. An index of relative property tax burdens among the states.
- LAUGHERY, Wayne W. A study of selected practices in administrative training programs which purport to change administrative behavior.
- LAW, Glen Charles. The development of trombone techniques through the study of orchestral excerpts.
- LEFWOKITZ, Annette Sara. The role of the administrator in the development of a preservice baccalaureate program in nursing education.
- LINETT, Richard Alexander. The cooperative selection of school furniture to serve the kindergarten through third grade program in the Garden City public schools.
- LYNCH, Howard Edward. Equipping a new junior-senior high school: a study of the provisions for equipping the Fox Lane School, Bedford, New York.
- MacGREGOR, Archie. An assay of public attitude toward education.
- McGOVERN, Earl Arthur. A study of public understanding about schools in the central school districts of New York State.
- MONEZ, Thornton B. Educational specifications for a proposed new senior high school building for Caldwell-West Caldwell, N.J.
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- POLE, E. John. The organization used in the administration and coordination of school health programs of five selected school systems.
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- ROTH, Fred Christopher. An exploratory study on the exercise of administrative responsibility and authority in the elementary school.
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- MARKARIAN, Robert Euth. Merit rating in the teaching profession, what it is and what can be done about it.
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- EL-SHERBINI, Ibrahim Abdul-Aziz. A study of staffing problems in community colleges and technical institutes of the State University of New York with particular reference to problems of in-service professional development.
- GORDON, Barbara Jane Arthur. The determination and study of academic underachievement in the New York State College of Home Economics at Cornell University with implications for counseling and admissions.
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- PETTIGREW, Cleveland William. An analysis of faculty personnel policies in selected colleges of Georgia.
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- CLEETWOOD, Cleet Clyde: Legal liability for injuries sustained in a public school program of interscholastic athletics.
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- GENTRY, Gilbert Lee. The relationship of certain cultural factors to initiative in the local support of education in Florida.
- LUCKENBACH, Leon Rodney. The effect of a principal's in-service leadership training course upon his operational behavior pattern and upon attitudes of teachers, pupils, and parents.

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- JOHNSON, Robert G. Recommendations for the administration of the schools of Guam in light of the island culture.

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- KREAMER, August N. Administration of remedial reading classes in secondary schools.
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- SPURGEON, G.N.S.H., Sister Mary Agnita. Implications of teacher-pupil relations in the supervision of Sister teachers.

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- CRAIG, Mack Wayne. The role of the academic dean in selected church-related colleges.
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- FUSCO, Gene Carl. The preparation of visual instructional materials for selected areas in educational administration.
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RUSSELL, Wylie Hayden. Administrative organization of the larger high school.

Harvard University

- ESTES, Nolan. A study of the central administrative and supervisory organization of the Waco (Texas) independent school district.
- PARKER, Edward William. Development (as assistant principal) of a program to improve the education of designated intellectually talented pupils at West High School, Salt Lake City.
- ROBERTS, Francis Joy. A program of evaluation and development at Springfield College School of Teacher Education (Springfield, Massachusetts).
- RUSSELL, Robert Durrell. The development of a superintendent's advisory council as a planning agency for the Rockland (Massachusetts) public schools.
- SHAPIRO, Judah Joseph. A report of an experience in the field of educational reconstruction in Europe after World War II (1948-54).
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- ERICKSON, Ralph John. Student decision making in secondary school extracurricular activities with special reference to pupil participation in fiscal management.
- SEAMAN, Robert Franklin. The nature and extent of participation in the initiation and development of written policies by selected groups in the University of Illinois High School.
- WALKER, William George. A comparison of certain aspects of the development of public education in Illinois, United States of America and New South Wales, Australia.

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- BECK, James Dennis. The functions and responsibilities of deans of students in selected Negro institutions of higher learning.
- BEITLER, Roger T. An analysis and summary of literature and research findings concerning public school written policies.
- CLARY, William M. A study of the role of the principal in coordinating curriculum improvement in the elementary schools of Indiana.

- DAVIS, Magdalene Adams. An evaluation of the duties of the community school camp directors in Michigan.
- GROVOM, Dorothy C. Responsibilities of the educational secretary for activities pertaining to the professional educational functions of the school principals' office.
- IBRAHIM, Hilmi M. Desirable practices of the community use of public schools in Egypt.
- ROBBINS, Maxine Hazel. An analysis of critical incidents in administration reported as affecting professional actions of teachers.
- SHARP, Charles Lee. A family, experimental, and educational background study on superintendents of schools in Indiana and some comparisons with eleven other midwestern states.
- STOPP, George H. A Comparison of the boys' health and physical education programs in campus, off-campus, and general public schools in Illinois, Kentucky, and Tennessee.

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- McKEE, Frances M. A study of procedures in meetings of the division of education in a state teachers college within a framework of expressed preference for democratic process.
- SEYFFER, Charlotte. Management aspects of the curriculum in basic nursing education.
- WISEMAN, Joseph A. An evaluation of the special school services rendered youth by pupil personnel officials in two Maryland county school systems during a three-year period beginning in 1955-1956 through 1957-1958.

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- GREIG, Charles Milne. A study of the working patterns of the secondary school principals in a metropolitan area and their effect on the opinions and attitudes of teachers.
- HERMAN, Jerry John. A study of the relationships between certain selected factors and the success or failure of bond issues in fourth class school districts in Michigan.
- LANGELER, George Harris. Financial development programs in institutions of higher education: with special reference to selected colleges.

- LOKERS, Raymond James. An evaluation of the doctoral program in education at the University of Michigan in terms of fulfillment of the expectations of the recipients and of the expectations of the university.
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- RODERS, Oswald Jacob. Patriotic organizations: their relations with Michigan public schools.
- WETMORE, Joseph Norris. A study of selected financial factors in the reorganization of school districts in Michigan.

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- BUDDE, Ray. A study of permanence of seventh, eighth, and ninth grade teachers in Michigan.
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- LIDDLE, Lewis Rogers. A study of the persistent problems facing beginning high school principals in selected schools in Michigan with suggested solutions to these problems.

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JENSEN, Arthur Myron. An experimental evaluation of two different programs of teaching health in the sixth grade and the administrative implications involved.

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- BUSH, William T. Behavior requirements of school administrators in the task areas of instruction and curriculum development, community-school leadership, and organization and structure based on an analysis of incidents reported by public school administrators.
- FARR, Eugene Ijams. The county elementary supervisor in Mississippi.
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The University of Nebraska

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The University of Nebraska Teachers College

- ANDERSON, Fred Woodrow Wilson. The county superintendency in Nebraska—current status and possible future.
- ARMSTRONG, Donald John. Principles for developing local school bus transportation.
- BLISS, Gordon Charles. Identification and validation of major principles of supervision and their application in selected secondary schools.
- BURKHOLDER, Kenneth. A follow-up study of 331 academically talented students who graduated from Omaha North High School during 1953 to 1958.
- CRAMER, Henry Edwin. An analysis of the science program offered in the public schools of Bellevue, Nebraska.
- ELLISON, Elizabeth Ann Bull. A study to determine an adequate intermediate unit or units for a distinct geographical area in Nebraska.
- HAGER, Calvin F. Attitude changes in Syracuse resulting from participation in the Nebraska community education project.
- HOWSDEN, Arley Levern. A study of changes in students as a result of involvement in community development projects.
- HUNT, Lester William. The development of a state level policy in school district reorganization.
- LUCE, John R. Sight-reading and ear-playing abilities related to the training and background of instrumental music students.
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- CORDASCO, Francesco Madorma. The role of Daniel Coit Gilman in American graduate education.
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- HYDE, Wallace Nathaniel. A review of point systems with recommendations for administrative procedures.
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- PATTERSON, Ronald D. Recommended practices and procedures for the improvement of programs for the selection and education of school bus drivers.
- SWENSON, Patricia Louise Green. Radio in the public schools of Portland, Oregon.
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- FRANKLIN, Marian Pope. A study of early school leavers in Surry County, North Carolina.
- MIDDLETON, David John. A study of the critical tasks performed by North Carolina school superintendents in the area of public school organization and structure.
- WAGONER, William Hampton. The status and budgetary approval function of county commissioners in North Carolina.
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FRANK, Otto J. A study of factors which influence college seniors who have been prepared to teach, to leave the state to teach, remain in North Dakota to teach, or to leave the profession.

North Texas State College

- MATHEWS, Quinten Snow. A study of certain variables in their implication in the vocational rehabilitation training of veteran trainees.
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Northwestern University

BOWERMASTER, Ralph Edwin. A study of current practices in the preparation of the budget in selected public schools in the state of Illinois.

The Ohio State University

ZIFF, Norman. A survey and analysis of the role of general secondary school supervisors.

The University of Oklahoma

- COX, Raymond Edward. Evaluation of practices in North Central Association school systems in Oklahoma.
- FEE, James A. The development of guiding principles for emergency absence programs for teachers.
- JOHNS, Oliver Daniel. Characteristics of the pre-school conference in selected public school systems in the United States.
- SHAW, Cecil M. Teaching load of high school teachers in Oklahoma.
- WESTER, Elbert Truman. The opinions of superintendents of schools and professors of education concerning internships in educational administration as related to competencies needed by superintendents of schools.

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- VANDENBURG, Herschel Ray. An analysis of the public relations programs in nine selected state-supported four-year colleges of Oklahoma.
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University of Pennsylvania

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The Pennsylvania State University

- HAIGWOOD, Thomas Jefferson. A study of desegregation problems that may affect the instructional program of junior high school industrial arts in North Carolina.
- HASSON, Edwin. Delegation of administrative responsibilities in third class school districts.
- LANDIN, Everett Arthur. An evaluation of the secondary school program of the public school system of Warren County, Pennsylvania.
- LEACH, Charles Daniel. Implications for public education in Pennsylvania resulting from federal control in certain subsidized programs.
- LONG, Samuel Murray. The coordination of instructional, administrative, and student personnel services in Pennsylvania's state teachers colleges.
- REYNOLDS, Harris Walton. The movement for reorganization of administrative units in Pennsylvania and its effects on the programs of twenty selected high schools.
- TAYLOR, George Earl. Fire insurance on public school property in Pennsylvania.
- WINGER, Herman Dale. Orientation and inservice education of teachers in second and third class school systems of Pennsylvania.

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- CIROTA, Samuel. A survey of practices and regulations pertaining to fringe benefits for professional personnel in selected public school districts in Pennsylvania.

- DUDA, Stanley Richard. A ratio study of non-instructional professional personnel in selected public schools of Pennsylvania.
- MEYER, Harold Arthur. A study of the equalizing influence of a total county valuation or a combined local district valuation on the school finance program in Ohio for the years 1955, 1956, 1957.
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- REDO, Ralph Robert. Attitudes of citizens relative to selected principles of public school finance.

Rutgers University

- CRAVATTS, William J. Lay committee activities in public school districts in New Jersey.
- DANIELS, Roland Howard. Policy decisions arising from the desegregation in the public schools of Trenton, New Jersey, through 1955.
- HOUSTON, Harry Herbert. An inquiry into the administrative process as it relates to decision making.
- PARRISH, Orville G. Comparison of districtowned and contract bus costs in the public schools of New Jersey.
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- GRANDY, Leonard A. Central operational service spaces for unified school districts.
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- MAHONEY, Rodney Stone. Practices and procedures in recommending and screening candidates for the position of superintendent for public school districts in California.
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- BRINER, Conrad. Identification and definition of the criteria relevant to the selection of public school administrative personnel.
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- HOLDEN, Leonard William. Administrator roles in secondary education as identified by secondary principals and teachers.
- HOLLITZ, Erwin. Factors affecting the establishment of a second high school in a community.
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- MARSHALL, Stuart Arthur. Differential perceptions of the criteria used for the selection of administrative personnel.
- OVARD, Glen Fowler. Planning social studies facilities for secondary schools.
- SANTEE, Harold Trevor. Establishing future school building needs in the Inglewood, California, Unified School District.
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- POWERS, Helen Stratton. Changes in the characteristics of master's students in educational administration.
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Texas Technological College

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- EISENTROUT, George Milton. A study of the financing of school building construction in the state of Washington.
- GARDNER, Gordon Allen. An analytical study of the development of the core program.

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- HUNTER, Ovid Nathan. Relationship between school size and discrepancy in perception of the superintendent's behavior.
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- BOTTOMLY, Forbes. A study of methods for identifying adequate professional standards for possible application to school plant consulting services.
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- McKINLEY, Donald Robert. A study of merit evaluation for salary purposes in the public schools of the United States.
- MUNSON, Howard Roger. Comparison of interest and attitude patterns of three selected groups of teacher candidates.
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- SEIDEL, Beverly Luella. The group process in the administration of departments of health and physical education in selected Ohio colleges and universities.
- STUEVE, Bernard Clement. Guidance activities in certain secondary schools of the Society of Mary.
- WANAMAKER, John Harry. Written board policies in Ohio city and exempted village school districts.

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- BROWNE, Margaret C. Job attitudes of middle management in three cooperative extension services.
- CHOPRA, Sohinder Jit. A study of the Oklahoma Extension Division with emphasis on home demonstration work.
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- McCORMICK, Robert William. An analysis of training needs of county extension agents in Ohio.
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- CLAY, Horace F. Some effects of cultural factors on adult educational processes: a comparison of cooperative extension techniques as they apply to small farm operators in Costa Rica, Guatemale, and Hawaii.
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- FREEMAN, Billy Van. Family and family life changes and their implications for elementary education.
- HODGDEN, Laurel Hessler. Variability as a function of intelligence and incentive.
- PEDRINI, Duilio Thomas. Hearing efficiency . . . inefficiency and personal-social ease . . . dis-ease.
- SHELTON, Hattie Jean Jones. Value-orientations of secondary school administrators of Texas public schools.
- SKINNER, Kathryn Irma King. Personality and attitude characteristics associated with "therapy readiness."
- STINEBAUGH, Demos Jack. Sociometric analysis of age-mate sensitivity.
- VAUGHN, James Sawyer. A documentary film on the institute of logopedics.
- WALCH, Shelby Lewis. Self-estimates of aptitudes and preferences and test-score defensiveness.

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HARRIS, Charles Stanley. An experimental analysis of learning on the double-pattern maze.

University of Virginia

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University of Washington

LIENARD, Marguerite Marie. A study of the relationship of pupils' satisfaction or dissatisfaction with their art products to improvement in art.

State College of Washington

AKAMINE, Toshio. A study of high school students' records and certain test scores as predictors of academic achievement at the State College of Washington.

Wayne State University

GNAGEY, William Joel. The effects on nontarget classmates of a deviant student's power and response to a teacher-exerted control technique.

Western Reserve University

- CHRISTENSEN, Lillian Anderson. A study of the relationship between personality and achievement in arithmetic.
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The University of Wisconsin

- CHECK, John Felix. A study of retention of arithmetic learning with children of low, average, and high intelligence at 127 months of age.
- HARTMAN, John Francis. Carl G. Jung's point of view as a guide to counseling.
- LUND, Grace Adeline. Playmate status relative to physical, academic, and social factors.
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Yeshiva University

- PERLMAN, Marcel Isaac. The relationship between interest values and academic achievement.
- STORCH, Nelson. A study in the reaction to frustration and its relationship to subject disabilities in reading and arithmetic.

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University of California, Berkeley

HALLOWITZ, George. Jewish day schools in the United States.

University of Colorado

- RIDDLE, Charles Wainwright. The role of selected Protestant denominations in providing guidance services for their young people.
- TRACY, Elaine Miriam. Teaching children in the church school: a study of teaching methods and procedures among volunteer teachers of the Evangelical Lutheran Church.

Columbia University

- MAITLAND, David Johnson. Three Puritan attitudes toward learning: an examination of the Puritan controversies over a learned ministry, 1640-1660, and the consequences of this struggle for Puritan concern about the reformation of learning.
- McCLUSKEY, S.J., Neil Gerard. Public schools and moral education.

Columbia University, Teachers College

- EATON, James Alonza. Religious emphasis week: an introduction for student personnel workers.
- LAWSON, David. Changing modes of thought in moral education.
- McMICHAEL, Jack Brame. A study of the organization and procedures of the Executive Committee of Christian Education, Synod of Texas, Presbyterian Church, U.S.
- SEDA, Angel Luis. Implications for Puerto Rico in a study of the hospital chaplaincy in the United States.

The University of Connecticut

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Fordham University

TURMEZEI, Rev. Francis C. An evaluation of the philosophy of religious education, the historical method and catechism of Claude Fleury.

George Washington University

CROFOOT, Kenneth Stanley. A survey of programs of clinical pastoral education in the Protestant denominations of the United States as a preparation for pastoral counseling.

New York University

BREDENBERG, Richard Raymond. An appraisal of current procedures used in teaching introductory Bible courses in selected liberal arts colleges.

Northwestern University

RIEMAN, Timothy Wayne. A comparison of the understanding of man in the writings of Reinhold Neibuhr and John Dewey with some implications for education.

University of Pittsburgh

- AZNEER, J. Leonard. The attitude of American Jewish leaders with reference to selected problems of religion in public education.
- COURTNEY, Donald Addison. Some relationships between environmental and institutional factors and observed differences in classroom practices in 36 Protestant church schools.

- EMRICK, Howard Charles. The role of the church in the development of education in Pennsylvania, 1638 to 1834.
- HENKEL, II, Milford Franklin. History of the Christian day schools affiliated with the National Union of Christian Schools.
- LAMBERTSON, John Paul. The theory of sermon illustration as revealed in text-books and other pertinent writings on preaching, 1880-1955.

University of Southern California

DUNN, Paul H. An evaluation of the effectiveness of the Latter-day Saint Institutes of Religion.

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- BIXLER, Lawrence Malcolm. The role of Christian parents in influencing the development of emotional maturity.
- CHU, Finley M. The principles of business administration as they function in a Baptist church.
- CLENDINNING, JR., Bryon Arthur. A criteria of curriculum development for schools of religious education.
- CROWDER, Rowland Edmund. The relationship between architecture and the program of Southern Baptist churches.
- DAVIES, Helen Dorothy. The place of worship in the teaching-learning process in the church.
- DILL, Harold Tinsley. The New Testament and mental hygiene.
- GRESHAM, Charles Russell. Walter Scott Athearn, pioneer in religious education.
- MARSH, James Leon. The philosophy and practice of Hebrew education from the post-Exilic era through the Tannaitic period.
- McLEROY, Nellie Mae. A history of Texas Baptist Training Union work from 1891 to 1950.
- MELTON, JR., Charles H. The Southern Baptist superintendent of associational missions.
- MIKELL, Alfred Miller. The contribution of audio-visuals to evangelism in religious education.
- SETLIFFE, JR., Andrew Benton. The leadership and development of a church program of recreation.
- STOVER, Sherrod Sylvester. Beginning and progress of the religious educational agencies of the Baptist State Convention of Minas Gerais, Brazil.

TEACHER TRAINING

University of California, Berkeley

- BOBBITT, Warren Leslie. Orientation of students toward teaching as a career.
- KLAS, Walter Lawrence. A study of critical behaviors of elementary cooperating teachers in working with student teachers.

Catholic University of America

SCHIRMER, Sister Mary Austin. An evaluation of teacher education programs in selected Catholic liberal arts colleges for women.

University of Cincinnati

FOSS, Maurice F. Implications for industrial arts teacher education from case studies of selected teachers.

Columbia University, Teachers College

- ABDUL-HADI, Muhammad Mahmud. The place of the urban teacher in modern Jordanian society.
- ADAIR, Thelma C. A study of the problems of beginning teachers in planning programs for three-, four-, and five-year old children in day care centers in N.Y.C.
- BEAL, Dallas K. A study of difference in prospective elementary school teachers' verbally stated insights and practices in guiding children's behavior.
- BEDESEM, Helen Rounds. An exploratory of professed values of first year teachers, as these affect and are affected by their teaching experiences.
- BUIE, Jimmie Young. A plan for improving and expanding the art program for elementary education teachers at Southwestern Louisiana Institute.
- CLAUSEN, Robert Weston. Development of a handbook for use with beginning student teachers at Queens College.
- CROSS, Aleene Ann. On-the-job activities and feelings of adequacy of preparation of homemaking teachers and home agents.
- DE KENI, Sara Lavinia. A cooperative study of in-service problems and needs in the Florida elementary-school principalship.
- FELDER, Virginia Isabelle. A proposal for a methods course to be used in the education of teachers of secondary-school mathematics.
- GILCOYNE, Katharine. The professional preparation of women for physical education in the first half of the twentieth century.
- GREENFIELD, Richard Kenneth. A program for improving the in-service growth of the faculty of the New York City Community College of Applied Arts & Sciences.
- GREGER, Irving. Training of prospective student leader-guides.
- GROSS, Stanley Jay. Working in private homes for room and board -- an exploration at selected public teachers colleges.
- HERBERT, Sister Rose Augustine. A study of the problems of beginning Sister-teachers of reading with implications for pre-service Sister-teacher education.
- HOBBIE, Katherine Emily. Some proposals for the improvement of the professional sequence in elementary education at the State University of New York Teachers College at Oneonta.

- HOFFMAN, Virginia Lee. A crafts program for the Los Angeles State College.
- JONES, Rodney M. An investigation of practices of teacher-preparing institutions in extending recognition to off-campus cooperating teachers.
- MALONE, Marjorie Jean. Proposals concerning an educational program for prospective elementary school music specialists at Ohio University, Athens, Ohio.
- McHUGH, Catherine Frances. Experiences in the musical preparation of the elementary school teacher at the University of Arkansas.
- NIXON, Jessica Eliza. Guides for creative experiences in dance for the teacher in the self-contained classroom in the elementary school.
- PAGE, Jean Vivian. Women and the doctorate at Teachers College, Columbia University.
- ROOT, JR., Shelton L. The production and presentation of a handbook for college teachers of children's literature.
- ROTTER, Paul. A study of the Lexington School-Teachers College teacher preparation based on the opinions of former student teachers.
- SHAWYER, David Eugene. Guide lines for preservice education of core teachers.
- STROM, Leonard Einar. Factors related to the dropout of doctoral candidates at Teachers College, Columbia University.
- YOUKSTETTER, Frank Otto. A plan for a professionally treated course in general science centered around persistent life situations, for use at Wayne State University with prospective teachers of junior school science.

The University of Connecticut

KOEHLER, Everett E. A comparison of collegiate achievement between selected technical-vocational high school and selected general-academic high school graduates in the industrial arts teacher education programs in New England.

University of Denver

WOODS, Donald Rey. Guidelines for an inservice education program for inexperienced college teachers.

The University of Florida

- BOLSER, Frank Curtis. Education in the field of mathematics in the USSR.
- MONROE, Shelby Hardy. Strengths and weaknesses of Georgia high schools with implications for teacher education.
- PICKENS, Watie Riley. The goal of the secondary-school internship of the University of Florida in the light of variations of perception of activities.

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BURKE, Roy O. An analysis of instructional problems on public school art met by selected graduates of Northern Illinois University. MILLER, Calvin Charles. Instructors of nonacademic subjects in publicly supported junior colleges: A study of certification and employment practices and proposals for certification.

Fordham University

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- De ZONIA, Robert Harris. The relationship between psychological distance and effective task performance.
- ECCLES, Priscilla Jacobs. An evaluation of a course in teaching science in the elementary school.
- GORMAN, Anna Margueritte. Teaching and non-teaching graduates of home economics education curricula: a comparison of their values and other characteristics.
- HILL, Alberta Dee. Values of high school homemaking teachers.
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- ALI, Fikry Hassan. A study of in-service teacher education programs at certain teacher training schools in Egypt.
- BLEICK, Frances Ann. In-service education programs for teachers in the area of elementary school physical education.
- SUDERSHANAM, Ratna. A study of inservice teacher education of secondary school teachers in Andra Pradish State, India.
- WALKER, Benjamin F. A study of the professional preparation of junior high school teachers in Indiana.

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- ROSEBERRY, Minnie Loretta. An investigation of the direct study of a child on the changes student teachers reveal in their attitudes, beliefs and understandings of human behavior.
- STRICKLAND, Thomas W. Implications of selected behavioral science data for industrial arts education.
- WAMPLER, Frederick Francis. An analysis of the strengths and weaknesses of the teacher education program at Bridgewater College, based upon a follow-up inquiry of graduates of three consecutive years.

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- ATIENZA, Maria Fe G. A study of practices in home economics teacher education in selected colleges and universities of the United States and their implications for the home economics teacher education program in the Philippines Women's University, Manila.
- BAKER, Lee Odih. A basis for improving technical instruction for persons preparing to teach general agriculture in Michigan.

University of Minnesota

HENDERSON, Harry Danner. Spatial requirements for a farm mechanics laboratory.

The University of Nebraska Teachers College

- CULVER, Gordon Franklin. An analysis of student-teaching experiences in selected high school business subjects.
- FRANTZ, Merlin Levine. An analysis of professional laboratory experiences provided prior to student teaching for students preparing to be secondary school teachers.

New York University

- GERVASIO, Stella Rose. Identification of experiences needed to facilitate the first year of teaching in a special services school.
- STEVENS, Lilian Lucile. A study of certain aspects of elementary student teaching experiences and supervision in the program of teacher education at the City College of the City of New York.
- WEITMAN, Nathan. A study of the major educational problems of trainable teachers.

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- CARPENTER, Raymond. Identifying concepts and processes in mathematics needed for the adequate preparation of elementary teachers.
- CAUSEY, John Perry. The improvement of an in-service education program through the use of foundation funds.
- HOFFER, Josephine Watson. Guides for professional laboratory experiences in early childhood education.
- KLINGSTEDT, Mary Estill Yates. Guides for a course in houseplanning and decorating.

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- DIEBEL, Clarence Edward. Some influences of evaluations on the science and mathematics programs in Oregon secondary schools.
- DYRUD, Justin LeRoy. A study of the backgrounds and experiences in music of elementary classroom teachers in the public schools of Oregon.
- HOLT, Howard Blom. The role of the Principals' Association in the development of public secondary education in Oregon.

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- KOKEN, James Edward. An analysis of the preparation of chemistry teachers for selected secondary schools as it relates to their success.
- ROBLES, Juan. The effects of a special program of teacher education and supervision upon job satisfaction of vocational agriculture instructors of Puerto Rico.
- SMITH, Mary Alice. Supervisory conferences in student teaching in campus elementary schools.

Stanford University

- ALLEN, Natividad Macaraeg Macaranas. The internship concept of American teacher education and its application to Philippine secondary teacher education.
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- SHEPHERD, Reginald William. Job competences—an approach to the appraisal of business education.
- SMITH, Lehi Tingen. The role of maturity in acquiring a concept of limit in mathematics.
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University of Texas

LAGRONE, Herbert Ferd. The availability for teaching of noncertified college graduates.

University of Washington

GUNDERSON, Wilfred Edwin. Evaluation of performance of senior high school teachers.

Washington University

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Wayne State University

CLUTE, Morrel J. An examination and appraisal of the Wayne State University program for the preparation of core teachers for secondary schools.

Western Reserve University

HARRINGTON, William Edward. Problems of beginning teachers as related to teacher training at Baldwin-Wallace College.

West Virginia University

SHEETS, Norman Leslie. The development and application of evaluative criteria for undergraduate professional preparation in physical education in institutions of higher learning in the state of West Virginia.

The University of Wisconsin

RIECK, Elmer Christian. A comparison of teachers response patterns on the Minnesota Multiphasic Personality Inventory with response patterns of selected non-teacher groups.

THEORY AND PRACTICE

University of Alabama

- CROCKER, William Luckey. An analysis of seventh grade general science content, as evidenced by selected courses of study and texts in terms of the purposes of the junior high school.
- STOTT, Samuel Nathan. A method of teaching junior high school English grammar based on specifics.

Alabama Polytechnic Institute

KELLEY, Roscoe Douglas. An analysis of two mathematics workshops for teachers and outcomes as reflected in participating schools.

University of Arkansas

- DAVENPORT, Joe Underwood. An analysis of the status and needs with suggestions for improvement of industrial arts education in the public secondary schools of Arkansas.
- FACEN, Geneva Zenobia. The determination of the degree of tensions produced in selected white students when presented with certain beliefs and factual materials pertaining to Negroes.
- MATHIS, Billy Max. A study and analysis of practices and procedures used by the public secondary schools of northwest Arkansas and southwest Missouri in identifying, motivating, and providing for gifted students.

University of California, Berkeley

- AL-RAWI, Musari Hasan. Major contemporary problems and issues of Arab society and their relationship to the social studies program in Iraqi preparatory schools.
- CHASE, Clinton Irvin. The relationship of certain skills and intellectual factors to problem-solving in arithmetic.
- CLARK, Charles Melvin. Teaching sixth grade students to make predictions from reading materials.
- SNAPPER, J. Marion. A study of high school juniors' reaction to and use of literary assumption.

University of California, Los Angeles

KAUFMANN, Margaret Anne. Identification of theoretical bases for nursing practice.

Catholic University of America

- EMM, Sister M. Eloise. A factorial study of the problem solving ability of fifth grade boys.
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University of Chicago

KUSHTA, Nicholas. A comparison of two methods of teaching algebra in the ninth grade.

The Claremont Graduate School

BRYDEGAARD, Marguerite Nordahl. An experimental investigation concerning teaching orthography of certain derivatives.

Columbia University

KRAIL, Jack Burkehart. The educational concepts of Emile Durkhein.

Columbia University, Teachers College

- APPELL, Clara Taubman. Television's impact upon middle class family life.
- ASHLEY, JR., Tracy Hollis. The development of a science program in childhood education in the elementary school.
- BECKER, Mortimer. Freshmen pronunciation of vowels, diphthongs and consonants (in connected speech) at New York City Community College.
- BEHNKE, Frances Lucille Hall. Opinions of selected group of high school science teachers and scientists on some issues related to science and science teaching.
- BEKER, Jerome. The relationship between school camp social climate and changes in children's self-concepts and patterns of social relationship.
- BLAKE, Orlando William. A guide for initiating school camping with special reference to Bronxville, New York.
- BOURANDAS, Dimitro. Factors related to ratings of helpfulness of curriculum development meetings.
- BRODSKY, Stan. Pervasive form-consciousness in twentieth century art: a unifying approach to visual appreciation.
- BROWN, Dirck Winser. Interpreting the student to prospective employers, government agencies, and graduate schools.
- BROWN, Mary Dimond. A beginning textbook for Gregg simplified shorthand.
- BROWN, Walton Allen. The applicant and the admission process.
- BUTTERWORTH, Donald Quinn. A plan for the organization of a music curriculum at The King's College, Briarcliff Manor, N. Y.

- CARR, JR., Albert B. Air pollution: an educational problem—a guide and source book for the study of air pollution.
- CARR, Constance. Individualizing development of abilities and skills in reading: a description and critique of an emerging practice.
- CANFIELD, William Henry. A handbook for parents of speech handicapped children.
- CHANG, Tse Hua. Some guidelines for the improvement of the curriculum for young children in China, based on a study of the development of modern education in China.
- CHASNOFF, Robert. An exploration of a method for gathering reports of perceptions and social attitudes believed to influence curriculum improvement meetings.
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- CHURCHLEY, Franklin Eugene. The piano in Canadian music education.
- DALY, Charles Cornelius. A handbook of techniques in the local production of visual materials.
- DEAN, Peter Milton. Problem solving techniques in teaching secondary school physics.
- EASH, Maurice James. An exploration of a method for gathering reports of perceptions and social attitudes believed to influence curriculum improvement meetings.
- EDWARDS, Ralph. A guide to the development of attitudes in school health instruction.
- EDWARDS, Vivian Joseph. Folk Tales from Liberia: a supplementary reader in English for students at Cuttington College, Liberia, West Africa.
- EGAN, John Chester. Selecting magazine materials to fit a community college's communication skills course.
- EICHER, William Theophilus. The use of professional symphony musicians as instructors of instrumental music in the public schools.
- FISCHLER, Abraham S. Modern general science course.
- GARD, Welter Freeman. Using modern chemical theory in designing high school chemistry courses.
- GERSHENFELD, Howard. A guidance approach to reading at the junior high school level.
- GRASSMAN, Laurence Joseph. A study of patterns which have characterized certain major scientific breakthroughs of the twentieth century.
- HAIN, John. An exploration of a method for gathering reports of perceptions and social attitudes believed to influence curriculum improvement meetings.
- HALEY, Margaret Townes. The development of an instrument to determine the nature of learning opportunities in elementary school classrooms.

- HALPERN, George M. A program for the development of graphic arts and advertising technology at the New York City Community College of Applied Arts and Sciences, Brooklyn, New York.
- HERALD, Clare M. An examination of some assumptions upon which the prevailing conceptualization of supervision rests.
- HILL, Mary Moore. The development of nutrition education in elementary schools.
- HOOTEN, JR., Joseph Rolfe. The production of televised mathematics programs.
- HYATT, David. Speak up for education the use of the speech arts in promoting better schools and colleges.
- INGALLS, Dorothy May. Factors related to ratings of helpfulness of curriculum development meetings.
- JENSEN, Lorraine Louise. Art and the adolescent: a study of certain influences affecting the growth of art interests.
- KANE, Elmer Ralph. Practices of promise in assisting classroom teachers.
- KASE, Harold M. Volunteer community service through the Junior Red Cross in the public high schools of the Bronx, New York City.
- KAUPELIS, Robert John. The art consultant in elementary education.
- KELLERHOUSE, Stanley Holmes. Microscope materials and techniques for secondary school biology—with special reference to the recommendations of the New York State Syllabus in Biology.
- KISHNEWSKY, Jacob. An examination of group process.
- KREINHEDER, Adeline Emily. An opinion poll concerning teaching basic skills as shown by certain insurance company employees with implications for polling procedures and school systems.
- LEE, Marie Smith. Commentary on creative dance in elementary schools with filmed anecdotes.
- LEVIN, Robert. The design and pre-test of an instrument to evaluate a program of curriculum development activities.
- LIDDLE, Elizabeth Ann. The child's world today: a study of information concerning selected technological advancements as verbally expressed by five year olds with implications for the kindergarten curriculum.
- MANUPELLI, George. The Image in Time: an educational motion picture for the fine arts.
- MARKELL, William. Elementary accounting for the non-accounting college student majoring in business.
- MARLOW, Dorothy Ruth. The organization and instruction of maternal and child health in ten selected community college nursing programs.
- McINERNEY, George K. A history of the School Garden Association of New York—with emphasis upon its contributions to school activities which originate from school garden work.

- MECUM, Ida May. Producing sixteen millimeter motion pictures for high school biology.
- MICHALAKIS, Constantinos Demetrius. Improving supervision of the public elementary schools in Greece.
- MONTGOMERY, Lola. A case study of the development of the basic liberal arts program at Phillips University—with a consideration of the participation of the student personnel worker in the curriculum development.
- MOORE, George Edward. An appraisal of seven harmony textbooks used in American institutions of higher learning, at the undergraduate level, during the 1955-56 school year.
- MUELLER, Calvin Henry. Plans for a course designed to orient students in coordinated musicianship at Bakersfield College.
- MULSKI, John Henry. A program of industrial arts education for the junior high schools of Farmingdale, New York.
- MULTHAUF, Delmar Charles. A case study technique for studying manufacturing in a college course in economic geography.
- NICKERSON, Martha Lillian Edna. Formulating and putting into operation a plan for making more effective use of field trips within the Attleboro, Massachusetts school system.
- OLDHAM, Robert. Fundamental problems in adapting the piano accompaniments of selected choral works to the organ.
- OLICKER, Isidore Isaac. Dramatics as a communications approach to the education of subcultural groups.
- ORDWAY, Claire Lucile. Active participation in music by high school graduates from two communities.
- PAGE, Elizabeth Ellen. Approaches used to establish contact between mothers and elementary school teachers.
- PAWLING, John Allen. An approach to the development of a community arts center.
- PEACOCK, Donald Evans. A handbook of study techniques for students of the Erie County Technical Institute at Buffalo, New York
- PEFLEY, Wallace Beard. The evolution of music activities at Panola College, Carthage, Texas.
- PETRIK, Eugene Vincent. A study of patterns which have characterized certain major scientific breakthroughs of the twentieth century.
- PIERCE, Edward F. Modernized course of study in high school chemistry.
- POST, Harold. Rats and Mice—Their Relation to Man—a source book for teachers.
- POSTMAN, Neil Milton. A proposed syllabus in the communication arts and skills for the Westchester Community College.
- PROCASKY, Charles. A guide for improving the staging of high school choral performances.

- PUGNO, Lawrence. Science teaching and classroom research.
- RATANAKUL. Suchart. A study of mathematics education in Thailand.
- REN, Myles Kearns. The development of interest in social problems among secondary school students: a study.
- RIKER, Charles Vincent. A homeviewed educational television series for young children.
- RIVERA ROIG, Patria T. Helping teachers to nourish the spirit of inquiry and investigation in the elementary school.
- RINES, Alice R. Evaluation and learning the practice of nursing.
- RITSCHER, Richard Caryl. A problem-solving approach to the training in basic musicianship for a music education curriculum.
- ROGERS, Elizabeth Emma. A guide for music experiences at the New Jersey State Home for Girls, Trenton.
- ROSEN, Lydia. Guide to the understanding and performance of contemporary piano literature of Holland, with selective analysis.
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- RUDIN, Yvette. An analytic study of representative literature on the art and technique of violin bowing.
- SCHLEICH, Miriam. The evolution of a college reading program.
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- SHEN, Yi Wen. Guiding considerations of a functional science program for the Chinese elementary school.
- SIEKMANN, Frank Herman. Cooperative effort for the redevelopment of the music curriculum in Central School District Number Four, Chappaqua, New York.
- SMITH, Kathryn Amanda. Barn in the Sky: a book for use in connection with a study of Ohio history.
- SPARBERG, Esther Braun. A study of patterns which have characterized certain major scientific breakthroughs of the twentieth century.
- STEVENS, Daniel Francis. An experimental study of a program of enrichment for the gifted child in a regular fifty grade class at the Oyster Bay Elementary School.
- STEWART, Frieda Imogene. The increasing college-age population of women in Ohio and its implications for nursing education in Ohio.
- STEWART, Herbert Hoover. A study of patterns which have characterized certain major scientific breakthroughs of the twentieth century.

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- STONE, Dorothy F. Modern high school biology.
- STRICKLAND, James Aaron. The improvement of student activities in college through the application of principles of group dynamics and procedures of group work.
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- TOWNSEND, Myrtle May. Helping teachers to nourish the spirit of inquiry and investigation in the elementary school.
- TREXLER, Clarence Richard. A study of the relationship between the recorded and the observed conservation behavior of children in an urban classroom.
- VITE, Irene Williams. Review and analysis of the literature for the past twenty-five years on the subject of individualizing reading guidance in the elementary classroom.
- WARD, Beulah Eileen Felts. Integrating school lunch into the elementary school curriculum.
- WELCH, Lorna Virginia. Journalism with a vision: an expanding conception of the journalism course in Southwest High School, Kansas City, Missouri.
- WHITCOMB, Manley Rowley. Musical performance on wind instruments; a study of interpretative factors.
- WHITING, Charles Robert. An evaluation of the student personnel program at West Virginia Institute of Technology.
- WOLFE, Welby Burdette. Introduction to the arts, an art activities program in the humanities curriculum at Colorado State College.
- WURTZ, Robert Edward. The development of a guidance program for the Island Trees High School.
- YOUNIE, William John. Developing film slides on some aspects of the pre-vocational training program for educable retardates in junior high school for use by teacher educators in mental retardation.
- ZIOBROWSKI, Stasia Mary. A study of changes in the expressed attitudes of students toward children and teaching.

The University of Connecticut

- MANGANELLI, Fred Daniel. Implications of technological developments in industry for technical institute programs in mechanical technology.
- SAIF, Philip Saber. Public education in Egypt: practice and theory.

The University of Florida

RIVKIND, Harold Cecil. The development of a group technique in teaching word recognition to determine which of four methods is most effective with individual children.

The Florida State University

- DERMER, Alfred. A study of the role and functioning of the local unit of the Florida Congress of Parents and Teachers.
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Fordham University

LYDEN, O.P., Sister M. Dorothea. The effectiveness of films and film strips in teaching junior high school mathematics.

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- LUSTRE, Warren W. An experiment comparing three methods of learning selected aural harmonies.
- VARS, Gordon F. Methods and materials in the core curriculum: some suggestions for teachers.

Harvard University

- ARCHAMBAULT, Reginald Donat. Needs and education: a philosophical analysis.
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University of Houston

- LUCAR, Janet Ruth. A study of elementary teachers' attitudes toward curricular patterns, methods, and materials in geography and history in the state of Louisiana.
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- MACEDA, Delfina Salvator. Use of time by married homemakers in the teaching force, Manila, Philippines.

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Iowa State College

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The American University

- CANNON, William John. A study of the use of psychological concepts: approaches and methods by pastoral counselors.
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- FURUYA, Yasuo Carl. The absoluteness-claim of Christianity.
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- JACOBSON, Sverre Theodore. The interpersonalism of guilt and forgiveness in the writings of Harry Stack Sullivan and Emil Brunner.
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- SHAULL, Millard Richard. An examination of some of the implications of recent developments in the world situation and in the theology of missions for the form and structure of the church's life and mission.
- SMYLIE, John Edwin. Protestant clergymen and America's world role, 1865-1900.

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- BROOKS, Oscar Stephenson. The witness of the spirit, water, and blood in Johannine thought.
- CLAYPOOL, John Rowan. The problem of hell in contempory theology.
- CRENSHAW, James Wesley. Eschatology in the Epistle to the Ephesians.
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- HARRISON, George William. The king in early Israelite thought.
- HOLLAND, John Tillman. The rock-stone symbolism in the New Testament.
- LANE, William Thomas. Ordination: its significance and meaning for the Southern Baptist Convention studied in the context of the landmark controversy.
- LUCAS, Richard D. The preaching of Clarence E. Macartney.

- MANTIPLY, Victor Edsel. The origin and development in Virginia of the concept of separation of church and state.
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- MUSSMAN, Robert Byron. A study and evaluation of the primary nonscriptural influences on John Wesley's doctrine of Christian perfection.
- OTTO, Francis Robert. A critical examination of the apologetic theology of James Orr.
- WHITE, Ernest O. New Testament teaching on husband-wife relationships.
- WYATT, JR., Roy Blanton. A study of universalism and particularism in the canonical literature of the exile and Persian period.

University of Southern California

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- BURKHART, John Ernest. Kingdom, church, and baptism: the significance of the doctrine of the church in the theology of John Calvin.
- CALDWELL, Irene Smith. The organizing principle in the curriculum of Christian education: Protestant trends.
- DE YOUNG, Quintin Richard. A study of contemporary Christian existential theology (Kierkegaard and Tillich) and modern dynamic psychology (Freud and Sullivan) concerning guilt feelings.
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- NELSON, Samuel Ferdinand. The implications of form criticism for a knowledge of the historical Jesus.
- RIGGS, Meade David. An exploratory study of the concepts of God reported by selected samples of physical scientists, biologists, psychologists, and sociologists.
- VANDERLIP, Dodava George. A comparative study of certain alleged similarities between the literature of Qumran and the Fourth Gospel.
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- BEACH, Morgan Randolph. The purpose and message of the First Epistle of John.
- BLACKMON, George T. A sociological study of the teachings of Jesus.
- BRYANT, Thurmon Earl. The ethics of George Washington Truett.
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- FLETCHER, Jesse Conrad. The interaction between English and American Baptists from 1639 to 1689.
- LESTER, Elwyn Russell. An exegetical approach to the New Testament concept of suffering persecution as a Christian.
- PATTERSON, Leon Bell. A comparative study of the Johannine concept of eternal life and the synoptic concept of the kingdom.
- POTTS, Donald R. Communication principles applied to contemporary preaching.
- RITZINGER, JR., Thomas B. A study of pastoral care in the Lyman Beecher lectures.
- STRICKLAND, Rowena Rue. A study of the Jews' rejection of Jesus in the light of inter-biblical messianic expectation.
- TRAMMELL, Timothy Joe. The Johannine concept of incarnation.
- WILLS, Keith Cameron. Southern Baptists and labor, 1927-1956.

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- BYERLY, Robert Allen. A biblical critique of universalism in contemporary theology.
- CHAMBERLIN, Charles Abiel. The preaching of the Apostle Paul, based on a study of Acts of the Apostles and Paul's Letters, with special reference to the First and Second Corinthians.
- CONRAD, Flavius Leslie. The preaching of George Whitefield, with special reference to the American colonies: a study of his published sermons.
- DEMOSS, Robert George. The Republic of Plato and the De Civitate Dei of Augustine: a comparison.
- EBBERT, Clarence William. The liturgical controversy in the German Reformed Church in the U.S.
- HART, James Richard. The preaching of Thomas Chalmers: a study of his published sermons to ascertain the secret of his pulpit power in the Scotland of his day.
- MALONE, Walter Karl. The impact of naturalism and higher criticism upon the Episcopal church; 1860-1900.
- SOOVIK, Mihkel. Primacy of knowledge in the ethical teaching of the platonic Socrates as compared with the Gospels.

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- FORSTMAN, Henry Jackson. Word and Spirit: John Calvin's understanding of the authority of the Bible.
- GRAHAM, Holt Hutton. The reflection of the church in Mark, Matthew; Paul's letters, and Acts.

- LATUIHAMALLO, Petrus Dominggus. Church and World: a critical study about the relation of church and world in the writings of Henrik Kraemer.
- NIELSEN, Charles Merritt. Theological themes in Clement of Rome: a new interpretation.
- SCHEEF, JR., Richard Louis. Christian calling in the New Testament.
- TIETJAN, John Henry. The principles of church union espoused in the 19th century attempts to unite the Lutheran Church in America.
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Vanderbilt University

- AYERS, Robert Hyman. A study of the problem of biblical authority in selected contemporary American theologians.
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- CHUNG, David. Religious syncretism in Korean society.
- CREEL, Austin Bowman. Reformulating Dharma in contemporary Hindu ethics.
- DAY, James Frederick. Austin Farrer's doctrine of analogy: a study in the metaphysics of theism.
- EVANS, Robert Franklin. Four letters of Pelagius.
- HART, Ray Lee. The role of the imagination in man's knowledge of God.
- HARTZLER, Omar Lee. The educational function of developmental rites.
- HEALEY, Robert Mathieu. Jefferson on religion in public education.
- JONES, Robert Gean. The place of the Covenant in the manual of discipline.
- MYERS, Howard William. A study of the effects of environment upon the attitudes and actions of the members of two churches.

- OLSON, Bernhard Emanuel. The victims and the oppressors.
- PATTERSON, Robert Glasgow. The church as vehicle of grace in the theology of John Calvin.
- PEEBLES, Isaac Hall. Divine will and human destiny in contemporary theology.
- ROSE, Davis Glenn. The use of Exodus imagery in Isaiah 40-55.
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- WOOLLARD, Louis Clyde. Theistic religion in British Columbia public school textbooks.
- WRIGHT, Elizabeth Gaskill. Why does God create?

SOCIAL PSYCHOLOGY

The University of Buffalo

ALSON, Eli. Cognitive structure and dogmatism.

University of California, Berkeley

HOWTON, Frank William. The changing selfimage of the American businessman.

University of Chicago

- BRITTAIN, Clay. Parents and peers as competing influences in adolescence.
- DUPRE, Vladimir A. The social assimilation of adolescents into the adult work society: a study of certain factors contributing to occupational choice and initial adult status.
- STIVERS, Eugene H. A study of the development of an achievement motive: motivation for a college education.
- WEDDINGTON, Rachel T. The relative influence of social class and color on the stereotypes of young children.

Clark University

MAYO, Clara. Cognitive complexity and conflict resolution in impression formation.

Columbia University

- APOSHYAN, Joseph. Public expression versus private opinion on a controversial issue.
- ROBBINS, Paul Richard. Immediate and delayed effects of social influence upon individual opinion.

Cornell University

- SINGH, Baij Nath. Individual and community development in a Mormon community in Utah with implications for community development in India.
- TRIANDIS, Harry Charalambos. Some cognitive factors affecting communication.
- TURNER, Arthur Nicholson. Impersonality and group membership—a case study of an automobile assembly line.

The Florida State University

STEWART, Charles Ashley. A study of opinions regarding mental illnesses and facilities for their care as related to social class membership.

University of Illinois

- OSTRANDER, Edward Robert. The effect of two situational factors on conformity behavior.
- QUAY, Lorene Childs. Academic achievement attitudes in group perception in sixth graders.

State University of Iowa

MARANELL, Gary Michael. Role-taking; empathy and transparency.

University of Maryland

GOERING, Jacob Daniel. An investigation of the effect of an in-service self-study seminar on the adjustment, self-concept and concept of others of mental hospital employees.

University of Michigan

- DONALD, Marjorie Nancy. Some concomitants of varying patterns of communication in a large organization.
- GOFFMAN, Irwin William. Self-other differentiation and role performance: a study of professional agents of social control.
- KAYE, Carol. Some effects upon organizational change of the personality characteristics of key role occupants.
- LITTIG, Lawrence William. The effect of motivation on probability preferences and subjective probability.
- MANN, Richard Dewey. The relation between personality characteristics and individual performance in small groups.
- MELBIN, Murray. Bureaucratic process, personal needs, and turnover among psychiatric aides.
- PERLOE, Sidney Irwin. An experimental test of two theories of perceptual defense.
- SIROTA, David. Some functions of the nationalistic ideologies of minority ethnic groups.
- ZIPF, Sheila Murray Gordon. An experimental study of resistance to influence.

University of Minnesota

- EHRLICH, Danuta. Determinants of verbal commonality and influencibility
- LUCKEY, Eleanor Braun. An investigation of the concepts of the self, mate, parents, and ideal in relation to degree of marital satisfaction.
- WRIGHTSMAN, JR., Lawrence Samuel. The effects of small-group membership on level of concern.

New York University

- DANZIG, Martin Emanuel. The motivations of community leaders.
- DAVIDSON, Sol M. Culture and the comic strips.
- FIRESTONE, Richard William. Social conformity and authoritarianism in the Marine Corps.
- GARAI, Josef Ernest. Support of judgmental independence or conformity in situations of exposure to strong group pressure.
- WILLING, Stanley S. A study of the adjustment of persons over sixty-five years of age in the five boroughs of the City of New York by small sampling technique.

University of North Carolina

GODING, Elisabeth Ferol. The effects of three schedules of reinforcement and individual motivation on perception of performance and risk-taking behavior.

University of Pennsylvania

MURGATROYD, Dorothy. Effect of prior group membership on conformity.

Radcliffe College

WAXLER, Nancy Ellen. Defense mechanisms in interpersonal behavior.

The University of Wisconsin

- MENZEL, Herbert. Social determinants of physicians' reactions to innovations in medical practice.
- PECK, Sidney Morris. The rank and file leader. A study of the social and political ideology of the industrial union steward.

SOCIOLOGY

GENERAL

The American University

TURK, Herman. The internationalization of values by work groups and the popularity of nominated leaders.

Boston University

- KOH, Hesung C. Religion, social structure and economic development in Yi dynasty Korea.
- KUMALO, Cleopas. Ideological and institutional factors in the debates on African education in Kenya and South Africa.

Brown University

NALBANDIAN, Myron Krikor. Methods of population estimates for small areas, with specific applications to Rhode Island.

University of California, Berkeley

- ETZIONI, Amitai Werner. The organizational structure of the Kibbutz.
- HOOS, Ida Russakoff. Automation in the office: a sociological survey of occupational and organizational changes.

University of California, Los Angeles

KITSUSE, John Itsuro. Grade and sex differences in the perception of adolescent status expectations.

University of Chicago

- BAIN, Robert K. The process of professionalization: life insurance selling.
- BURNS, Mary E. The historical development of the process of casework supervision as seen in the professional literature of social work.
- CARLIN, Jerome E. The lawyer as individual practitioner.
- GRIFF, Mason. The commercial artist: a study in role conflict and career development.
- LORTIE, Dan C. The striving young lawyer: a study of early career differentiation in the Chicago bar.
- McCULLOUGH, William H. State subsidies to private child-care organizations in Pennsylvania.
- QUARANTELLI, Enrico L. The dental student: a social psychological study.
- SEYMOUR, S. Frederick. The labor force in Kansas City, 1950.
- SIEGLE, Peter. The social life of a Jewish community.
- VERDET, Paula. Interethnic problems of a Roman Catholic parish: a French-Canadian institution and its bilingual membership.
- WERBLE, Beatrice. Motivation, capacity, and opportunity as related to the use of casework service by adolescents.

Columbia University

- BENSMAN, Joseph. Small town in mass society: class, power and religion in a rural community.
- CLOWARD, Richard Andrew. Social control and anomie: a study of a prison community.
- COBLINER, W. Godfrey. Social factors in mental disorders. a contribution to the etiology of mental illness.
- COOPER, Eunice. Social integration and personal adjustment.
- GILLIAM, Sylvia B. Dimensions of misperception in interpersonal relations.
- GOSS, Mary E. Weber. Physicians in bureaucracy: a case study of professional pressures on organizational roles.
- HALPERN, Richard S. Some attitudes of foremen under conditions of varying identification with management.
- HERMAN, Melvin. Occupational mobility in social work: the Jewish Center worker.

- HILL, Kathleen F. Social welfare needs of the urban African child.
- LEVINE, Gene Norman. Workers vote: the political behavior of men in the printing trade.
- LEWIS, Claudia Louise. A study of the impact of modern life on a Canadian Indian band.
- LINZ STORCH DE GRACIA, Juan J. The social bases of West German politics.
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- MARSH, Robert Mortimer. Mandarin and executive: elite mobility in Chinese and American societies.
- MAYER, John E. Jewish-Gentile courtships: an exploratory study of a social process.
- RIMBERG, John D. The motion picture in the Soviet Union, 1918-1952: a sociological analysis.
- SCHWARTZ, Lester Jerome. The effect of social evaluation and success and failure on the attractiveness of activities.
- SHAWKY, Abdelmonem Hussein. Urban community development in Pakistan. A study of applicability of community organization principles to urban community development in under-developed countries.
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- LACKEY, Alvin Sutton. The consistency of sociological variables in predicting the adoption of farm practices.
- PHOTIADIS, John Democritos. Behavioral conformity to church teaching as a function of the sentiments of the individual and membership group identification.
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Dropsie College

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Duke University

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The University of Florida

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Fordham University

- DONNELLY, Margaret E. Industrial relocation—a breach in the pattern of industrycommunity relationships.
- WTULICH, Josephine. Occupational experience of selected high school graduates: a study in expectations and fulfillment.

Harvard University

- AVERY, Robert William. Orientations toward careers in business: a study in occupational sociology.
- BONILLA, Frank. Students in politics: three generations of political action in a Latin American university.
- BRAMSON, Leon Dorian. Political contexts of sociology: the concept of mass society.
- CUYUGAN, Ruben Dario Santos. Decisionmakers in a New England community: a study of social influence and social power.
- ELDER, Joseph Walter. Industrialism in Hindu society: a case study in social change.
- ROSS, Hugh Laurence. The local community in the metropolis.
- SLETTEN, Charles Alfred. The social structure and ideology of organized pharmacy: with special reference to price competition.
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- FRANKEL, Hyman Henry. The sociological theory of Florian Znaniecki.
- OSOINACH, John Campbell. An index of socio-economic variables affecting spatial distribution in American cities, an evaluative study.
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- SIO, Arnold Anthony. The legal and social structures of slavery in the United States.
- WORKS, Ernest. The prejudice-interaction hypothesis from the point of view of the Negro minority group.

Indiana University

- DARLING, Fred E. A leisure time analysis of retired public school teachers in Kentucky.
- MAC LEAN, Janet Rockwood. An analysis of leisure time activities of selected aged residents of Bartholomew County, Indiana.
- MARTIN, John Warren. Adolescent social distance toward occupational status.

State University of Iowa

- JOHNSON, David Chester. Some sociological factors in the Lutheran merger movement.
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University of Kansas

SCHELLENBERG, James Arthur. Personality patterns in mate-selection: a study of complementary needs and homogamy.

University of Kentucky

- HARDEE, Joseph Gilbert. Factors influencing social participation in an Australian rural community and in selected American rural areas.
- LEWIS, Gordon Fielding. Occupational mobility and career patterns of small businessmen in an American city.
- YOUNG, James Neal. The influence of neighborhood norms on the diffusion of recommended farm practices.

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- FOGLEMAN, Charles Willard. Family and community in disaster: a socio-psychological study of the effects of a major disaster upon individuals and groups within the impact area.
- OSBORNE, Harold Wayne. The impact of a village factory on a selected area of rural Louisiana.
- PORTER, JR., William Henry. Middleville morticians: some social implications of change in the funeral business in a southern city.
- ROH, Chang Shub. A comparative study of Korean and Japanese family life.

Massachusetts Institute of Technology

CARROTHERS, Gerald Arthur Patrick. Forecasting the population of open areas: an application of regional analysis of the gravity concept of human interaction.

University of Michigan

- CURTIS, Richard Farnsworth. Consequences of occupational mobility in a metropolitan community.
- LAZERWITZ, Bernard Melvin. Some characteristics of residential belts in the metropolitan community 1950-1956.

- McQUEEN, Albert James. A study of anomie among lower class Negro migrants.
- SUTTON, Gordon Francis. Travel patterns in an urban community: socioeconomic and family life cycle differentials in dependence relations among central areas and residence in Detroit, Michigan, 1954.

Michigan State University

- EICHER, Joanne Bubolz. Social factors and social psychological explanation of non-migration.
- NALL, Frank Comstock. Role expectation patterns among United States and Mexican high school students: an empirical study of some applicabilities of the social system schema.

University of Minnesota

- ATELSEK, Frank Joseph. Characteristics of older job seekers: an analysis in terms of their unemployment histories.
- CLELAND, Courtney Blair. Institution in process: a case study in the dynamics of rural health organization.
- COLLER, Richard Walter. Geographic mobility of selected rural Minnesota male high school graduates.
- GERSTL, Joel Emery. Career commitment and style of life in three middle class occupations.
- KHAN, B.M. Abdul Majeed. Occupational aspiration and social mobility of selected rural male high school graduates.
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- LEVENTMAN, Seymour. Class and ethnic tensions: the startification of a minority group.
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- STUB, Holger Richard. Attitudes toward formal structure in two public bureaucracies.
- TAKAGI, Calvin Yukio. Some critical behaviors required in casework practice: an exploration into the use of a critical incident technique for identifying critical casework behaviors.

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WHEELER, Wayne Leland. An analysis of social change in a Swedish-immigrant community: the case of Lindsborg, Kansas.

New School for Social Research

- ALLOUNI, Abdel Aziz. Social factors underlying economic development in Syria.
- BOUWMAN, Clark H. Industrial development and social change in a Southern plantation town.
- GOODRUM, Clyde. Minority group membership and hostility.

- MURPHY, Henry Brian Megget. Ethnic variation in juvenile delinquency: a study from a south-east Asian city.
- STERN, Albert Fontheim. An introduction to the interpersonal theory.
- WEINBERGER, Lester. The teachers' union of New York City.

New York University

- LICHTENBERG, Marvin. The introductory integrated social studies course in the School of Education of New York University.
- MARTIN, John McCullough. The vandals: a study of malicious mischief.
- MORRIS, Mortimer Harry. A manual of operation for boys' club resident camps.
- PHILPOTT, Frank Excell. School camping in Florida.
- SESSOMS, Hanson Douglas. An analysis of the leadership functions performed within various recreation agencies and their effect upon the development of recreation as a profession.
- SMITH, Alexander Benjamin. Analysis of interaction process and sociometric relations developed during group therapy with offenders on probation.
- SPAHN, M. C. An analysis of the aims and objectives of private camping.
- WERB, Morris R. Jewish suburbia—an historical and comparative study of Jewish communities in three New Jersey suburbs.

University of North Carolina

NAM, Charles Benjamin. Nationality groups and social stratification: a study of the socioeconomic status and mobility of selected European nationality groups in America.

University of Notre Dame

FAHEY, Frank Joseph. The sociological analysis of a Negro Catholic parish.

The Ohio State University

- ALI, Badr-El-Din Mohamed. Comparative study of two types of parole violators.
- CRAMER, Mary Jane. Levels of aspiration and other-direction.
- EYNON, Thomas Grant. Factors related to onset of delinquency.
- KEYS, Lucien Blackstone. An objective technique for defining urban neighboring.
- LEFTON, Mark. Staff participation in a mental hospital.
- SCHWART, Robert Benton. The relation of variations in education to the decision-making of farmers.
- SILBERSTEIN, Fred B. Status striving, social mobility, and prejudice.
- UZZELL, Odell. Occupational aspirations of Negro male high school students in North Carolina.

University of Pennsylvania

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- GREEN, Edward. An analysis of the sentencing practices of criminal court judges in Philadelphia.
- LEWIS, Harold. The researcher as helper in community planning research.
- PARTNOW, Louis M. The contribution of social work in helping the untried prisoner: a study in releasing social process through individual help.
- SETLEIS, Lloyd. Teaching social casework practice: a social process.
- SMITH, John Wallace. The socio-economic bases of the Poujada movement.
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The Pennsylvania State University

- GROSOF, Elliott Howard. Orientations of senior men toward work situations in a bureaucratic structure as related to social class background.
- LASKIN, Richard. Knowledge and opinions concerning cancer with respect to language, religion, sex, and age difference in a small Canadian town.
- MAURER, Beryl Blake. A study of selected factors associated with the professional behavior-image of Protestant parish ministers.
- ROMMEL, Robert Charles Sherwood. Personality characteristics, attitudes, and peer group relationships of accident-free youths and accident-repeating youths.
- SILL, Maurice Lucien. Personal, situational, and communicational factors associated with the farm practice adoption process.

University of Pittsburgh

TURNER, Damon Asa. An analysis of conflict and accommodation between vested interests in eight case examples of consciously planned change.

Purdue University

- GOLDSTEIN, Bernice Zinderman. The changing Protestant ethic: rural patterns in health, work and leisure.
- RICHARDSON, Arthur Herbert. The prediction of household mobility from an urban subdivision.
- RIEDEL, JR., Donald Carl. Sociological factors in the adjustment to heart diseases.

Princeton University

- MATZA, David. The moral code of delinquents: a study of patterns of neutralization.
- ZELNIK, Melvin. Estimates of annual births and birth rates for the white population of the United States from 1855 to 1934.

St. John's University

BURKE, William Francis. A structural and functional analysis of a northern parish in an urban resort area.

University of Southern California

- FISH, JR., Merle Edison. Adjustment of large downtown and boulevard churches in Los Angeles to sociocultural factors in the community.
- MANHEIM, Henry Lee. Intergroup interaction: a laboratory study of small groups.
- MEDHURST, Richard Russell. Legal regulation of the social work profession.
- ROSENBLUM, Abraham L. Social class membership and ethnic prejudice in Cedar City.
- RUNCIMAN, Alexander P. Selected socialpsychological factors related to viewers of television programs.

Stanford University

- HANCOCK, Richard Humphris. The role of the bracero in the economic and cultural dynamics of Mexico: a case study of Chihuahua.
- MECHANIC, David. Socially induced stress and illness; a study in medical sociology.
- MILLS, Donald Leon. Status, values, and certainty of occupational choice.

Syracuse University

- FISHER, Carol Ann. A survey of vandalism and its historical antecedents on four New York State Indian reservations.
- MOORE, Faith Sawyer. Flood control dam preference: a study in three communities of the Connecticut River Valley.

The University of Texas

- EVANS, Idris William. The structure of authority in regional planning: a study in the sociology of legitimation.
- GIBSON, Delbert Lee. Protestantism in Latin American acculturation.

University of Toronto

GRAHAM, Lloyd B. The adoption of children from Japan by American families.

Tulane University

ADAMS, Fred Thomas. Role accommodation: a study of nurses and attendants in a mental hospital.

University of Utah

McCARREY, Rulon Squires. Premarital orientation and expectations of college youth.

Vanderbilt University

- DOTSON, Louis Everett. An empirical study of Guttman's theory of the third com-
- McDILL, Edward Lamar. Some social and psychological correlates of attitude intensity.

University of Washington

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State College of Washington

- BLACKWELL, James Edward. The effects of involuntary separation on selected families of men committed to prison from Spokane County, Washington.
- SWANSON, Howard Spencer. Predicting length of stay in a state mental hospital of patients diagnosed schizophrenic.

Western Reserve University

TURNER, John Brister. A study of the block club: an instrument of community organization.

The University of Wisconsin

- ELLENBOGEN, Bertram Leighton. A study of the social organization of a plantation community in the coffee producing region of southwestern Venezuela.
- WATSON, Walter Bingham. Metropolitan migration in the United States 1949-1950.

Yale University

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Yeshiva University

BERENSON, Gerald. The relationship between cultural differences and mental retardation.

FAMILY

University of California, Berkeley

BERGER, Bennett Maurice. Proletarian suburb: a study of a working-class version of suburbia.

Catholic University of America

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- GABOWER, Genevieve. Behavior problems of children in Navy officers' families: as related to social conditions of Navy family life.
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Columbia University

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The University of Florida

BODARKY, Clifford John. A study of college students' anticipated role behavior in marriage.

The Florida State University

MANNINO, Fortune V. A study of the relation of certain family characteristics to premature school withdrawals.

Harvard University

BELL, Norman Wallis. The impact of psychotherapy upon family relationships.

Iowa State College

GOERING, Orlando James. Marriage among high school girls in Iowa.

University of Michigan

PETERSON, Evan Tye. The impact of maternal employment on the mother-daughter relationship and on the daughter's roleorientation.

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- BOEHM, Bernice. Deterrents to the adoption of children in foster care.
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New York University

- GLASS, David Carter. Parent decision making under assumed conditions of risk: the applicability of decision theory models.
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- NEWTON, David. The effect of parent-group education on attitudes concerning parent-youth relationships.

University of Notre Dame

IRVING, Reverend Gordon James. Some factors and characteristics of Catholic marriage separations in five midwest dioceses.

University of Oregon

ULLMAN, Paul Stanley. Parental participation in child-rearing as evaluated by male social deviates.

University of Pennsylvania

MOORE, JR., Harry Scott. A social study of responses of patients and their families to multiple sclerosis.

University of Pittsburgh

SIPORIN, Max. The family role of the schizophrenic patient prior to the onset of illness.

Radcliffe College

HITSON, Hazel Marie. Family patterns and paranoidal personality structure in Boston and Burma.

Washington University

GOULD, Harold Alton. Family and kinship in a North Indian village.

The University of Wisconsin

SCHWEITZER, JR., Harvey John. Farm commercialization as related with certain aspects of the farm family as a social system.

PUBLIC WELFARE

Bryn Mawr College

FLESCH, Regina Feiner. An exploratory study in the dental student's concept of the dental patient.

Catholic University of America

ALVES, Joseph T. Confidentiality in social work.

Columbia University

BAILEY, Margaret Burton. Community orientations toward social casework and other professional resources. A study of attitudes toward professional help for interpersonal problems and knowledge of resources in an urban community.

Cornell University

PATTEN, JR., Thomas Henry. Public policy towards the employment, retirement, and rehabilitation of the "Old Soldier".

The Florida State University

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Indiana University

THOMAS, Jack Bruce. An introduction to some socio-cultural factors influencing the role of the United States in international narcotics control, 1833-1920.

University of Maryland.

ROEBUCK, Julian B. A tentative criminal typology of four-hundred Negro felons at the District of Columbia Reformatory, Lorton, Virginia.

The Ohio State University

SRIDHARAN, K. V. Area approach to social welfare planning.

University of Washington

WHEELER, Stanton. Social organization in a correctional community.

Washington University

- BATES, William Mary. The ecology of juvenile delinquency in St. Louis.
- DE GUZMAN, Adriana Ramu. A study of selected aspects of the social work research practicum.
- HOLLENBECK, Howard Braun. Factors influencing citizen participation in survey and planning of group work and recreation services to surburban areas.

RACE QUESTION

University of California, Berkeley

CARROLL, James William. Flatheads and whites: a study of conflict.

University of Chicago

HELPER, Rose. The racial practices of real estate institutions in selected areas of Chicago.

Cornell University

ROSE, Peter Isaac. A sociological study of the small-town Jew and his neighbors.

New York University

- BRITTAIN, David James. A case study of the problems of racial integration in the Clinton, Tennessee, High School.
- HART, Thomas Alexander. The establishment of principles of human relations that may be used in the transition of all-white or all-Negro camps to interracial camps.
- NEYLAND, Leedell Wallace. The Negro in Louisiana since 1900: an economic and social study.

University of Pennsylvania

GRIMSHAW, Allen Day. A study of social violence: urban race riots in the United States.

Radcliffe College

LEICHTER, Hope Jensen. Alternatives and constraints in the role of the Chinese exile.

SOCIALISM, COMMUNISM, ANARCHISM

New York University

SMITH, Martha Jane. Key symbols in USSR and Chinese propaganda to the USA.

SPEECH-THEATER

The Clarement Graduate School

SCHLUNDT, Christena Lindborg. The role of Ruth St. Denis in the history of American dance, 1906-1922.

Columbia University

- BAIRD, John Edward. The preaching of William Franklin Graham.
- HILLIARD, Robert L. Concepts of dramaturgical technique as developed in television adaptations of stage plays.
- KROLL, Daniel Ronald. Hamlet from Edwin Booth to Laurence Olivier: some changing interpretations reflecting changes in culture and in the tastes of audiences.
- MATES, Julian. The American musical stage before 1800.
- SCHOLL, Hannah Holzman. Comparisons of voice between young college women and their mothers.
- STONE, Alice Virginia. Henry Head: his contribution to the study of aphasia

Cornell University

- BATEMAN, John Jay. A study of the arguments in the speeches of Lysias.
- DE MOUGEOT, William Robert. Argumentation in the national health insurance movement, 1932-1940.
- MOE, Christian Hollis. From history to drama: a study of the influence of the pageant, the outdoor epic drama, and the historical stage play upon the dramatization of three American historical figures.
- OLIVER, William Irvin. Spanish theatre: a study in dramatic discipline.

University of Denver

- BARTLE, Charles Peter. An investigation into the physiological differential of certain speech personality traits.
- BELL, Dorothy Mays. Methods of teaching speech and language to the severely mentally retarded child.
- BROWN, Edward Devereaux. A history of the Shreveport Little Theatre 1922 to 1958.
- DAVIS, George Leigh. An investigation of the value of television as a media for the education of the public in regard to speech disorders as shown by an experimental study.
- HOLLIS, Hastell Filmore. An acting history of Coriolanus.

- LACY, Robin Thurlow. An encyclopedia of scenographers, 534 B.C. to 1900 A.D.
- McLAUGHLIN, Raymond William. A comparison of the language structures of the sermons of Harry Emerson Fosdick and Oral Roberts to determine their intensionalextensional orientation.
- MACHUCA-PADIN, Arturo H. Three Spanish plays. A translation and adaptation.
- MYERS, Gail Eldridge. A study of the channels of communication used by one hundred Spanish-named residents of Denver, Colorado.
- OWENS, JR., William Henry. The dramaturgical treatment of character types by the playwrights of heroic drama.
- RUSSELL, Helen Johnston. Social comment as depicted in the plays of American women dramatists.
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- SMITH, Irvine Noble. American plays and playwrights of the nineteenth century.
- TAME, Ellwood Royial. An analytical study of the relationships between ability in critical thinking and ability in contest debate and discussion.

The University of Florida

- VAN METER, John Edward. The theatre of Louis Jouvet.
- WITTY, Robert Gee. Isaac Watts and the rhetoric of dissent.

The Florida State University

PETERSON, William Arthur. A history of the professional theatre of Detroit, Michigan, September 13, 1875 to July 3, 1886.

University of Illinois

- ARMOLD, Jack David. The compromise of 1850: a Burkeian analysis.
- BETTINGHAUS, JR., Erwin Paul. The operation of congruity in the oral communication situation.
- CARMACK, JR., William Ross. Invention in the Lyman Beecher lectures on preaching: The lecturers' advice on gathering and selecting sermon material.
- HUMBLE, Alberta Lewis. Matilda Heron, American actress.
- JONES, Cecil Derwent. The policies and practices of Wallack's theatre, 1852-1888.
- MAGNON, Lucille Marie. Lyman Trumbull as a speaker. 1837-1896.
- STROTHER, David Boyd. Evidence, argument and decision in Brown v. Board of Education.
- YEATER, James Willis. Charlotte Cushman, American actress.

Indiana University

ELROD, James Frederick. The structure of O'Neill's serious drama.

State University of Iowa

- DEW, Donald. Formant frequency difference limens as a function of fundamental frequency for selected single formant tones.
- HATCH, James Vernon. Three original plays.
- KELLY, Michael Francis. The reaction of the Catholic church to the commercial theatre in New York City, 1900 to 1958.
- RYDAHL, Eugene Elvin. A history of the legitimate theatre in East Saginaw, Michigan, from 1860-1884.
- STEWART, Joseph Letie. The problem of stuttering in certain North American Indian societies.
- TATMAN, Clarice. A survey of the speaking activities of graduates of a liberal arts college for women.
- WINITZ, Harris A comparative study of certain language skills in male and female kindergarten children.

University of Kentucky

RHODES, Ernest Lloyd. The staging of Elizabethan plays at the Rose Theatre 1592-1603.

University of Michigan

- AUSTIN, Henry Root. History of broadcasting at the National Music Camp, Interlochen, Michigan, 1928-1958.
- BLAKELEY, Robert William. Erythroblastosis and perceptive hearing loss: responses of athetoids to tests of cochlear function.
- BUTLER, Sister Mary Marguerite. Hrots-vitha: the theatricality of her plays.
- CARRINO, Elnora Madonna Drafahl. Conceptions of Disposito in ancient rhetoric.
- ENGELBERG, Marvin Woolf. Auditory matching as a procedure in the classification of voices.
- ESCH, Marvin Leonel. Student speaking at the University of Michigan, 1841-1884.
- FREEMAN, Gerald Gene. A preliminary study of screening items for the evaluation of children with speech defects.
- GRIFFITH, Barton Lovewell. A comparison of predicted and actual audience reaction to four educational television programs.
- HATHAWAY, JR., Stephen Conger. A history and description of collegiate carriercurrent broadcasting.
- HEWGILL, Murray Agar. A rhetorical analysis of selected campaign speeches of G. Mennen Williams with emphasis on the 1956 campaign.
- KISSEL, Bernard Charles. A rhetorical study of selected speeches delivered by Vice-President Richard M. Nixon during the convention and presidential campaign of 1956.
- LEWIS, Ralph Loren. The persuasive style and appeals of the minor prophets Amos, Hosea, and Micah.
- STEVENS, Walter William. A study of Lewis Cass and his United States Senate speeches on popular sovereignty.
- WHITED, Harold Vaughn. A rhetorical analysis of the published sermons preached by John Wesley at Oxford University.

University of Minnesota

- BENSON, Philip Andrew. The dramaturgy of Jean Anouilh.
- HAUGEN, Ralph H. American drama critics' reactions to productions of August Strindberg.
- HERBOLD, Paul Ezra. The effects of present audience reactions on remote audiences in political persuasion.
- McGRAW, JR., William Ralph. The theatricality of James M. Barrie: an analysis of his plays to determine the source of their effectiveness in the theater.
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- SIMONSON, Walter Ernst. A preliminary experimental study of the effect of speech assignments on the speech fear reported by students in beginning speech classes.

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- KLINGER, Herbert Nathan. The effects of stuttering on audience listening comprehension.
- SCHNEIDERMAN, Norma. An investigation of selected factors affecting the judgement of pitch placement of defective voices.
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- DANCE, Francis Esburn Xavier. An analysis of the speech programs in 108 selected evening colleges in the United States.
- FULLER, Carl Wellington. A study of the growth and organization of certain mental abilities in young deaf children.
- GOLDBERG, Alvin Harold. An experimental study of the effects of evaluation upon group behavior.
- GRAUNKE, William Lloyd. Effect of visualauditory presentation on memorization by children with hearing impairment.
- HARFORD, JR., Earl Raymond. The effect of loudness recruitment on delayed speech feedback.
- LAINE, Joseph Brannon. Rhetorical theory in American colleges and universities, 1915-1954.
- REBSTOCK, Eugene Erving. The development of communication processes in the psychoanalytic interview.
- RESLER, Ansel Harlan. The impact of John R. Brinkley on broadcasting in the U.S.
- SPENCER, Ellen Marie. An investigation of the maturation of various factors of auditory perception in pre-school children.
- SULSTON, Kenneth Hartley. A rhetorical criticism of the radio preaching of Walter A. Maier.
- TAYLOR, Vernon Lyle. The concept of illustration in rhetorical theory.
- TRISOLINI, Anthony George. An analysis of the structure of Hart Crane's The Bridge.
- WILLIAMS, Donald Edward. A study in rhetorical criticism of Charles G. Dawes, the speaker.
- WINDES, Russell Rayl. The speech-making of Adlai E. Stevenson in the 1956 presidential campaign.

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- ARCHER, Leonard Countney. The National Association for the Advancement of Colored People and the American theatre: a study of relationships and influence.
- BAER, Sherwin Hyer. An analysis of the responses in word intelligibility testing.
- BLUEM, Albert William. The influence of medium upon dramaturgical method in selected television plays.
- CARLSON, Harry Gilbert. The Swedish "Riksteater": a study of the growth and development of a modern provincial theatre.
- DUNHAM, Robert Eugene. Some evaluation of administrative communications of institutions of higher learning.
- HARMS, Leroy Stanley. Social judgments of status cues in language.
- HOUSE, James Bush. Temporal silence thresholds of hearing.

- HULSOPPLE, Bill G. The development of a graduate achievement test in theatre.
- JACKSON, Esther Merle. The emergence of a characteristic contemporary form in the American drama of Tennessee Williams.
- MACOMBER, Philip Alan. The iconography of London Theatre Auditorium architecture, 1660-1900.
- RIED, Paul Eugene. The philosophy of American rhetoric as it developed in the Boylston Chair of Rhetoric and Oratory at Harvard University.
- SABAH, Franklin David. The use of the semantic differential technique in the analysis of the images of three Columbus commercial television stations.
- TOLCH, Charles John. Studies in the measurement and analysis of achievement with some visual symbols of speech.
- WILLIAMS, Jamye Coleman. A rhetorical analysis of Thurgood Marshall's arguments before the Supreme Court in the public school segregation controversy.

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- CLOONAN, Benignus John. The effect of classical rhetoric upon Christian preaching during the first five centuries A.D.
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University of Pittsburgh

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- OWENS, Elmer. A study of the effects of filtering upon the intelligibility of words varying in frequency of usage.

Purdue University

- GORDEN, William Israel. Speech activities of the First Community Church of Columbus, Ohio.
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- SOULE, Donald Ernest. Irony in early critical comedy.
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- VENTRY, Ira M. Evaluation of one- and two-frequency audiometric screening of school children.

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The University of Texas

HOLCOMB, George Lawrence The theater in Spain since 1939.

University of Utah

- FLETCHER, Samuel Glen. Hypernasal voice: its relation to growth disturbance and physiological activity.
- PARK, Hugh Winston. Revenge in Restoration tragedy.
- SHELTON, Ralph Lamar. Displacement of the pharnygeal portion of the tongue and of the hyoid and larnyx in deglutition phonation and postural change.

University of Washington

- KLOPF, Donald William. An analysis and evaluation of the speaking of John Raleigh Mott.
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Wayne State University

- CAMBUS, John. The modern Greek approach to the training, formal and/or informal, in public address.
- FURBAY, Albert L. A descriptive study of the influence of the physical arrangement of the audience upon response to a speech.

Western Reserve University

- COYLE, Leo Perry. George Ade, playwright.
- ELPERN, Barry Sheldon. The velocity of traveling waves over segments of the cochlear partition.
- NEESON, Jack McHenry. The devil in Delaware: a study of theater in New Castle County.
- TOBIAS, Jerry Vernon. Relative contributions of transient and ongoing interaural time disparities to auditory localization.
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The University of Wisconsin

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- KAHAN, Stanley. Pre-Victorian romantic melodrama.
- MARTIN, Howard Samuel. A survey of the beginning non-engineering television course in colleges and universities in the United States.
- OLSON, Donald Orrin. The debate in Congress on the Kensas Nebraska Bill: a study in persuasion.
- PENN, John Stanley. The origin and development of radio broadcasting at The University of Wisconsin.
- PIERCE, Merle Scheffel. Methods of experimentation in radio research, and correlates of effective radio advertising.
- REINERTSEN, Stephen Peter. Some busy federal airways voice communications: an analysis.
- SMITH, Ralph Lewis. A study of the professional criticism of broadcasting in the United States 1920-1955.
- TUCKER, Duane Emery. The radio and television speaking of Douglas McKay and Wayne Morse in the 1956 Oregon senatorial campaign.

Yale University

- LANICH, JR., Lloyd Jackson. Neoclassic elements in the European theatre arts in the latter part of the eighteenth century and the first part of the nineteenth century.
- RYAN, JR., Patrick Martin. A. M. Palmer, producer: a study of management, dramaturgy, and stagecraft in the American theatre, 1872-96.

ZOOLOGY

Alabama Polytechnic Institute

- CARLTON, Robert Austin. Food habits of small mammals in the Rice Field Dike community in Bolivar County, Mississippi.
- OWEN, Bernard Lawton. Investigations on the development of resistance to chemicals by the house fly, Musca domestica L.

University of British Columbia

- FINNEGAN, Raymond Rene. Ecological studies of Hylobius radicis Buch., H. pales (HBST.) and Pissodes approximatus Hopk. (Coleoptera: Curculionidae) in southern Ontario.
- HICKMAN, Cleveland Pendleton. The osmoregulatory metabolism of the starry flounder, Platichthys stellatus.
- HOUSTON, Arthur Hillier. Locomotor performance and osmoregulation in juvenile anadromous salmonids following abrupt environmental salinity change.
- PARKER, Robert Ray. Growth and mortality in relation to maximum yield in pounds of Chinook salmon (Oncorhynchus tshawytscha).
- RADVANYI, Andras. Inherent rhythms of activity of the northern flying squirrel in relation to illumination and to lunar and solar photoperiodism.

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- ANDERSON, Paul Knight. Ecology and evolution in island populations of salamanders.
- BAND, Rudolph Neal. Nutritional and related biological studies on the free-living soil amoeba, *Hartmannella rhysodes* Singh.
- BURDICK, Donald James. A taxonomic and biological study of the genus Xyela in North America.
- CHILDS, JR., Henry Everett. Vertebrate ecology of coastal tundra in northwestern Alaska.
- DE TERRA, Noël. A study of nucleo-cytoplasmic interactions during cell division in Stentor.
- FORBES, Oliver Clifford. The effect of heterozygous inversions on primary non-disjunction in *Drosophila melanogaster*.
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- HERRING, John Lamar. The genus Halobates (Hemiptera: Gerridae).
- HITCHCOCK, Stephen Williams. The biology of Necrobia rufipes (DeGeer).
- KADDOU, Ibrahim Kaddouri. The feeding behavior of *Hippodamia quinquesignata* (Kirby) larvae (Coleoptera: Coccinelledae).
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- RAITT, JR., Ralph James. Turnover, movements, and annual cycle in a population of California quail.
- RIEGEL, Jay Arthur. Osmoregulation and its ecological significance in certain sphaeromid isopod crustacea.
- RUDNICK, Albert. A revision of the mites of the family Spinturnicidae (Acarina).
- SCHAEFERS, George Albert. The biology and ecology of the strawberry aphid, *Pentatrichopus fragaefolii* (Cockerell) with taxonomic comparisons to several closely related species.
- SWIFT, John Edward. Factors influencing the distribution and seasonal abundance of Aphis gossypii Glover in California.
- TIPTON, Vernon John. Revision of the mite genus *Laelaps* Koch 1836 (Acarina: Laelaptidae) with a review of the subfamily Laelaptinae Berlese 1892.
- TZANAKAKIS, Minos Emmanuel. An ecological study of the Indian-meal moth *Plodia interpunctella* (Hübner) (Lepidoptera: Phycitidae), with emphasis on diapause.
- WENT, Hans Adriaan. Some immunochemical studies on the mitotic apparatus of the sea urchin.

University of California, Davis

LUEKER, Carl Edwin. A study of calcium and phosphorus absorption by sheep.

University of California, Los Angeles

- BARLOW, George Webber. Geographic variation in the morphology and physiology of the gobiid fishes of the genus Gillichthys.
- BUETOW, Dennis Edward. Effects of steroid hormones at the cell level.
- BRATTSTROM, Bayard Holmes. Evolution of the pit-vipers.
- HIRATA, Arthur Atsunobu. Studies on the inhibition of antibody response in chickens.
- MAHER, Michael John. The effect of the thyroid gland on the oxidative metabolism of the lizard, Anolis carolinensis.
- MC FARLAND, William Norman. A study of general anesthesia in teleosts with a discussion of its implications to the transportation of fishes.
- NORRIS, Kenneth Stafford. The functions of temperature in the ecology of the percoid fish, Girella nigricans (Ayres).
- ROSENBLATT, Richard Heinrich. A revisionary study of the blennioid fish family Tripterygiidae.
- WELSH, James Francis. Studies on the immune response of the dwarf tapeworm, Hymenolepsis nana, to a homologous antiserum.
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University of Chicago

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University of Colorado

THORNE, Oakleigh. Shredding behavior of the white-footed mouse *Peromyscus mani*culatus osgoodi with special reference to nest building, temperature, and light.

Colorado State University

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University of Connecticut

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- KNUCKLES, Joseph Lewis. Studies on *Phormia regina* (Meigen) as a vector of certain enteric bacteria.
- McCANN, Frances Veronica. The electrophysiology of fibrillar-type muscle.
- WETHERBEE, David Kenneth. Artificial incubation of wild birds' eggs and developmental condition of neonates.

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- GROVE, Davison Greenawalt. The natural history of the angular-winged katydid, Microcentrum rhombifolium (Sauss.).
- HANSEN, Carl Orville. Cross resistance induction in the two-spotted mite, Tetranychus telarius L.
- KLEIN, Harold George. Ecological relationships of *Peromyscus leucopus novebora*censis and *P. maniculatus gracilis* in central New York.
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- SHOREY, Harry Haslam. The effects of soil temperature and moisture on the survival, vertical distribution, and rate of development of the European chafer, Amphimallon majalis (Razoumowsky).
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- WEST, David Armstrong. Hybridization in North American grosbeaks, genus Pheuct-

Duke University

- O'DELL, Roberta M. Studies on the uptake of urea by frog and mammalian kidney slices.
- O'STEEN, Wendall Keith. Regeneration of the intestine in adult amphibians.
- von ZELLEN, Bruce Walfred. Coccidosis of mice belonging to the host genus, Peromyscus.

Emory University

BAILEY, Donald W. The effects of alloxaninduced diabetes on the onset of spermatogenesis and related phenomena in the rat.

The University of Florida

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- WASS, Marvin Leroy. Pagurid crabs of the western North Atlantic south of Cape Hatteras.
- WEIGEL, Robert David. Fossil vertebrates of Vero, Florida.
- WHARTON, Charles Heizer. The ecology of the cottonmouths, Agkistrodon piscivorus piscivorus Lacépède, of Sea Horse Key, Florida.

The Florida State University

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Fordham University

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University of Georgia

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University of Illinois

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- LANGEBARTEL, David Lee. The comparative morphology of the hyoid in snakes, and its associated muscles.
- LEWIS, Robert Earl. The thoracic musculature of the Indian rat flea, Xenopsylla cheopis (Rothschild) 1903, its function and implications in the phylogeny of the order Siphonaptera.
- MATTESON, John Warren. Some factors influencing the persistence and insecticidal efficiency of five chlorinated hydrocarbon insecticides.
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North Carolina State College

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The Ohio State University

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- SROUFE, Stanley Alexander. Studies on the morphology and development of *Mazocrae-oides olentangiensis* n. sp. (Trematoda: Monogenea), a parasite of the gizzard shad, *Dorosoma cepedianum* (Le Sueur).
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- FAULKNER, JR., Russell Conklin. The effect of P-32 irradiation on the ectodermal and mesodermal components of the down feather in the chick.
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St. Louis University

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Stanford University

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